Pest Management Regulatory Agency
Agence de réglementation de la lutte antiparasitaire

Regulatory Note

REG2005-01

PMRA List of Formulants

This Regulatory Note contains a revised list of formulants that are found in pest control products currently registered in Canada under the *Pest Control Products Act* and Regulations. The list reflects the addition of new formulants and the deletion of formulants no longer found in registered pest control products. This document replaces Regulatory Note REG2004-01, *PMRA List of Formulants*.

The list of formulants is also available electronically on the PMRA website and this list will be updated regularly.

NOTE: The new *Pest Control Products Act* (PCPA) was given Royal Assent on December 12, 2002. Paragraph 43(5)(*b*) of the new PCPA indicates that a list of formulants and contaminants that are considered to be of health or environmental concern will be established. This list will contain all of the formulants on lists 1 and 2 of this Regulatory Note, as well as the formulants that are allergens known to cause anaphylactic-type reactions, as indicated in Section 4.14 of Regulatory Directive DIR2004-01, *Formulants Program*, and contaminants of concern found in pesticide active ingredients. The list will be published in the *Canada Gazette* and posted on the PMRA website. Once the new Act is in force, the identity and concentration in a product of any formulant or contaminant on the list will not be confidential and will be available to the public on request.

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1.0 Introduction

As part of its policy on the regulation of formulants, the Pest Management Regulatory Agency (PMRA) has categorized formulants found in pest control products registered in Canada based on the level of concern with respect to human health and the environment. The resulting five lists are similar in structure to the United States Environmental Protection Agency (USEPA) Lists of Inert Ingredients; they were developed using the same criteria as the USEPA, with some additional Canadian criteria resulting from legislative/policy requirements. These lists will provide a guidance tool for industry in the selection of formulants and will be updated regularly. Revisions to the lists may result from the following:

1. New formulants are added to the lists.
2. Formulants are deleted from the lists when they are no longer found in registered pest control products.
3. A formulant may be reclassified to another list as a result of new information on the formulant or as a result of formulant reassessment.

The following is a brief description of the five Canadian lists, which are ranked in descending order of concern:

List 1: List 1 contains formulants identified as being of significant concern with respect to their potential adverse effects on health and the environment, meeting defined criteria for carcinogenicity, neurotoxicity, chronic effects, adverse reproductive effects, ecological effects, Track 1 substances as defined under the Toxic Substances Management Policy (TSMP) and substances designated under the Montreal Protocol.

List 2: List 2 contains formulants that are considered potentially toxic, based on either structural similarity to List 1 formulants or data suggestive of toxicity.

List 3: List 3 contains formulants that do not meet the criteria of any of the other lists.

List 4A: List 4A contains formulants that appear on the USEPA Minimum Risk Inerts List, which are generally regarded to be of minimal toxicological concern, as well as substances commonly consumed as foods.

List 4B: List 4B includes formulants, some of which may be toxic, but for which there are sufficient data to reasonably conclude that the specific use pattern of the pest control product [as on specific use pattern listed in the United States Code of Federal Regulations, 40 CFR Protection of Environment, Subpart D 180.000(c)(d)(e)] will not adversely affect public health and the environment.

For more information on the lists (e.g., criteria for being assigned to a particular list) and guidance in the selection of formulants (including applicable regulatory action), please refer to the Regulatory Directive DIR2004-01, *Formulants Program*, or the latest version.

Applicants/registrants should also refer to the USEPA Lists of Inert Ingredients (available online at: www.epa.gov/opprd001/inerts/lists.html) for additional formulants that may be acceptable (i.e., List 3, 4A, 4B), with some exceptions, for use in pest control product formulations without the requirement for additional data/information on the formulants alone.

1.1 Definitions

Formulant: any substance or group of substances other than the active ingredient that is intentionally added to a pest control product to improve its physical characteristics (e.g., sprayability, solubility, spreadability or stability).

Formulant mixture: a formulant composed of more than one substance.

Inert (other) ingredient: USEPA terminology equivalent to the term "formulant".

Pest control product: any product, device, organism, substance or thing that is manufactured, represented, sold or used as a means for directly or indirectly controlling, preventing, destroying, mitigating, attracting or repelling any pest and includes:

1. any compound or substance that enhances or modifies or is intended to enhance or modify the physical or chemical characteristics of a control product to which it is added, and

2. any active ingredient used for the manufacture of a control product.

2.0 PMRA List of Formulants

Refer to Appendix I for the five lists of formulants as well as a consolidated version that merges the five lists into one consolidated list. These lists include the formulant names, their associated Chemical Abstracts Service (CAS) numbers and their corresponding list numbers. The lists contain only formulants found in currently registered Canadian pest control products. The lists are ordered numerically according to CAS number, and when no CAS number exists, that portion of the list is ordered alphabetically according to formulant name. The same naming convention for formulants (inert/other ingredients) used by the USEPA for their Lists of Inert Ingredients has been used for the PMRA Lists of Formulants. The PMRA List of Formulants is also available electronically on the PMRA website: www.pmra-arla.gc.ca.

Appendix I PMRA Consolidated List of Formulants Sorted by CAS Number

CAS No.	Formulant Names	List No.
000050-70-4	Sorbitol	4A
000050-81-7	L-Ascorbic acid	4A
000050-99-7	Dextrose	4A
000052-51-7	2-Bromo-2-nitro-propane-1,3-dio	3
000054-21-7	Sodium salicyate	3
000056-81-5	Glycerol	4A
000057-10-3	Hexadecanoic acid	4A
000057-11-4	Stearic acid	4A
000057-13-6	Urea	4A
000057-50-1	Sugar	4A
000057-55-6	Propylene glycol	4B
000058-95-7	Vitamin E acetate	3
000060-00-4	Ethylenediaminetetraacetic acid	3
000060-29-7	Ethane, 1,1'-oxybis-	3
000060-33-3	Linoleic acid	3
000061-73-4	C.I. Basic Blue 9	3
000063-42-3	D-(+)-Lactose	4A
000064-02-8	Ethylenediaminetetraacetic acid, tetrasodium salt	3
000064-17-5	Ethanol	4B
000064-19-7	Acetic acid	4B
000065-85-0	Benzoic acid	4B
000066-71-7	1,10-Phenanthroline	3
000067-48-1	Choline chloride	4B
000067-56-1	Methyl alcohol	3
000067-63-0	2-Propanol	4B
000067-64-1	Acetone	3
000067-68-5	Dimethyl sulfoxide	3
000068-04-2	Citric acid, trisodium salt	4A
000068-12-2	Dimethyl formamide	1
000071-23-8	n-Propanol	4B
000071-36-3	1-Butanol	4B
000074-87-3	Methyl chloride	3
000074-98-6	Propane	3
000075-07-0	Acetaldehyde	3
000075-28-5	Isobutane	3
000075-31-0	Isopropylamine	3
000075-37-6	1,1-Difluoroethane	2
000075-52-5	Nitromethane	2

CAS No.	Formulant Names	List No.
000075-65-0	2-Propanol, 2-methyl-	3
000076-06-2	Trichloronitromethane	3
000076-22-2	Camphor	3
000076-59-5	Bromthymol blue	3
000077-71-4	5,5-Dimethylhydantoin	3
000077-90-7	Acetyl tributyl citrate	4B
000077-92-9	Citric acid	4A
000077-93-0	Triethy citrate	3
000078-59-1	Isophorone	1
000078-66-0	3,6-Dimethyl-4-octyne-3,6-diol	3
000078-83-1	1-Propanol, 2-methyl-	3
000078-92-2	sec-Butanol	3
000078-93-3	Methyl ethyl ketone	3
000079-09-4	Propionic acid	4B
000079-20-9	Acetic acid, methyl ester	3
000079-20-9	Methyl acetate	3
000080-26-2	alpha-Terpineol acetate	3
000080-62-6	Methyl methacrylate	2
000081-07-2	Saccharin	3
000081-11-8	4,4'-Diamino-2,2'-stilbenedisulfonic acid	3
000081-48-1	C.I. Solvent Violet 13	3
000081-88-9	Rhodamine B	1
000082-38-2	1-(Methylamino)-9,10-anthracenedione	3
000084-66-2	Diethyl phthalate	2
000085-40-5	Tetrahydrophthalimide	3
000085-68-7	Butyl benzyl phthalate	2
000085-83-6	2-Naphthol, 1-((4-(o-tolylazo)-o-tolyl)azo)-	3
000085-86-9	C.I. Solvent Red 23	3
000086-73-7	Fluorene	2
000087-69-4	Tartaric acid	3
000088-24-4	2,2'-Methylenebis(4-ethyl-6-tert-butylphenol)	3
000088-97-1	Benzoic acid, 2-(aminocarbonyl)	3
000089-83-8	Thymol	3
000090-80-2	delta-Gluconolactone	3
000091-20-3	Naphthalene	3
000092-52-4	Biphenyl	3
000092-84-2	Phenothiazine	3
000093-83-4	Oleic acid diethanolamide	3
000094-13-3	Propyl p-hydroxybenzoate	4B

CAS No.	Formulant Names	List No.
000094-26-8	Butyl p-hydroxybenzoate	3
000095-14-7	1,2,3-Benzotriazole	2
000095-63-6	1,2,4-Trimethylbenzene	3
000096-29-7	Methyl ethyl ketoxime	2
000096-48-0	gamma-Butyrolactone	4B
000097-86-9	Methacrylic acid, isobutyl ester	3
000097-88-1	Butyl methacrylate	2
000097-99-4	Tetrahydrofurfuryl alcohol	3
000098-55-5	alpha-Terpineol	3
000098-82-8	Cumene	3
000098-86-2	Acetophenone	4B
000098-92-0	Nicotinomide	3
000099-76-3	Methyl p-hydroxybenzoate	4B
000100-41-4	Ethylbenzene	2
000100-44-7	alpha-Chlorotoluene	2
000100-51-6	Benzyl alcohol	3
000100-52-7	Benzaldehyde	3
000100-97-0	Hexamethylenetetramine	3
000101-02-0	Phosphorous acid, triphenyl ester	3
000101-67-7	Benzenamine, 4-octyl-N-(4-octylphenyl)-	3
000101-68-8	1,1'-Methylenebis(4-isocyanatobenzene)	3
000102-06-7	1,3-Diphenylguanidine	2
000102-13-6	benzeneacetic acid, 2-methylpropyl ester	3
000102-71-6	Triethanolamine	2
000102-76-1	Glyceryl triacetate	4B
000103-23-1	Adipic acid, bis(2-ethylhexyl) ester	1
000103-24-2	Bis(2-ethylhexyl) azelate	3
000104-15-4	p-Toluenesulfonic acid	3
000104-46-1	p-Anethole	3
000104-55-2	Cinnamaldehyde	3
000104-76-7	2-Ethyl-1-hexanol	3
000105-45-3	Acetoacetic acid, methyl ester	3
000105-53-3	diethyl malonate	3
000105-54-4	Butyric acid, ethyl ester	3
000105-54-5	ethyl butyrate	3
000105-55-5	N,N'-Diethylthiourea	3
000105-90-8	2,6-octadien-1-ol, 3,7-dimethyl-, propanoate, (E)-	3
000105-97-5	Hexanedioic acid, didecyl ester	3
000105-99-7	Adipic acid, dibutyl ester	2

CAS No.	Formulant Names	List No.
000106-24-1	2,6-Octadien-1-ol, 3,7-dimethyl-, (E)-	3
000106-30-9	Ethyl heptanoate	3
000106-63-8	Acrylic acid, isobutyl ester	3
000106-70-7	Hexanoic acid, methyl ester	3
000106-84-3	Drapex 3.2	3
000106-88-7	1,2-Butylene oxide	2
000106-97-8	n-Butane	4B
000107-05-1	Propene, 3-chloro-	2
000107-15-3	Ethylenediamine	3
000107-21-1	1,2-Ethanediol	2
000107-22-2	Glyoxal	3
000107-39-1	2,4,4-Trimethyl-1-pentene	3
000107-40-4	2,2,4-Trimethyl-3-pentene	3
000107-41-5	Hexylene glycol	3
000107-64-2	Dimethyl dioctadecyl ammonium chloride	3
000107-89-1	3-Hydroxybutyraldehyde	3
000107-98-2	2-Methoxy-1-methylethanol	2
000108-01-0	Ethanol, 2-dimethylamino-	3
000108-05-4	Acetic acid, vinyl ester	3
000108-10-1	Methyl isobutyl ketone	2
000108-21-4	Isopropyl actetate	3
000108-24-7	Acetic anhydride	4B
000108-32-7	Propylene glycol cyclic carbonate	3
000108-63-4	Hexanedioic acid, bis(1-methylheptyl) ester	3
000108-65-6	1-Methoxy-2-propyl acetate	3
000108-67-8	Mesitylene	3
000108-83-8	Diisobutyl ketone	3
000108-88-3	Toluene	2
000108-91-8	Cyclohexylamine	3
000108-94-1	Cyclohexanone	2
000109-52-4	n-Valeric acid	3
000109-73-9	n-Butylamine	3
000109-99-9	Tetrahydrofuran	3
000110-12-3	5-Methyl-2-hexanone	3
000110-16-7	Maleic acid	3
000110-17-8	Fumaric acid	4A
000110-27-0	Isopropyl myristate	3
000110-30-5	Octadecanamide, N,N'-1,2-ethanediylbis-	3
000110-42-9	Decanoic acid, methyl ester	3

CAS No.	Formulant Names	List No.
000110-43-0	Methyl n-amyl ketone	3
000110-44-1	Sorbic acid	4B
000110-63-4	1,4-Butanediol	3
000110-82-7	Cyclohexane	2
000110-91-8	Morpholine	3
000111-01-3	Squalane	3
000111-11-5	Octanoic acid, methyl ester	3
000111-20-6	Decanedioic acid	4B
000111-27-3	1-Hexanol	4B
000111-30-8	Glutaraldehyde	3
000111-40-0	Diethylenetriamine	3
000111-42-2	Diethanolamine	2
000111-46-6	Diethylene glycol	3
000111-60-4	Ethylene glycol monostearate	3
000111-66-0	1-Caprylene	3
000111-76-2	Ethanol, 2-butoxy	2
000111-77-3	Diethylene glycol monomethyl ether	2
000111-82-0	Dodecanoic acid, methyl ester	3
000111-87-5	1-Octanol	3
000111-90-0	Diethylene glycol monoethyl ether	2
000111-96-6	Ether, bis(2-methoxyethyl)	3
000112-02-7	N,N,N-Trimethyl-1-hexadecanaminium chloride	3
000112-05-0	Nonanoic fatty acid	3
000112-18-5	1-Dodecanamine, N,N-dimethyl	3
000112-24-3	Triethylenetetramine	3
000112-25-4	Ethanol, 2-(hexyloxy)	3
000112-27-6	Triethylene glycol	3
000112-30-1	1-Decanol	4B
000112-34-5	Diethylene glycol monobutyl ether	2
000112-57-2	Tetraethylenepentamine	3
000112-62-9	Methyl oleate	4B
000112-68-6	Hexdecyl dimethylamine	3
000112-75-4	N,N-Dimethyl-1-tetradecanamine	3
000112-80-1	Oleic acid	4A
000112-88-9	1-Octadecene	3
000112-92-5	1-Octadecanol	3
000115-10-6	Dimethyl ether	4B
000115-86-6	Phosphoric acid, triphenyl ester	3
000117-84-0	Dioctyl phthalate	1

CAS No.	Formulant Names	List No.
000118-56-9	Homomenthyl salicylate	3
000118-60-5	2-Ethylhexyl salicylate	3
000118-71-8	4H-Pyran-4-one, 3-hydroxy-2-methyl-	3
000119-36-8	Methyl salicylate	3
000119-84-6	3,4-Dihydrocoumarin	3
000120-18-3	2-Naphthalenesulfonic acid	3
000120-40-1	N,N-Bis(2-Hydroxyethyl)dodecanamide	3
000120-47-8	Ethyl p-hydroxybenzoate	3
000120-57-0	Piperonaldehyde	3
000120-72-9	1H-Indole	4B
000121-00-6	2-tert-Butyl-4-methoxyphenol	3
000121-32-4	Ethyl vanillin	3
000121-33-5	Vanillin	3
000121-44-8	Triethylamine	3
000121-79-9	Gallic acid, propyl ester	3
000122-20-3	Triisopropanolamine	3
000122-62-3	Sebacic acid, bis(2-ethylhexyl)ester	3
000122-99-6	Phenoxy ethanol	3
000123-26-2	N,N'-Ethylenebis(12-hydroxyactadecanamide)	3
000123-31-9	Hydroquinone	1
000123-42-2	Diacetone alcohol	3
000123-66-0	ethyl hexanoate	3
000123-72-8	Butyraldehyde	2
000123-77-3	Azodicarboxamide	3
000123-86-4	Acetic acid, butyl ester	3
000123-92-2	3-Methyl-1-butanol, acetate	3
000123-94-4	Octadecanoic acid, 2,3-dihydroxypropyl ester	3
000123-96-6	2-Octanol	3
000123-99-9	Azelaic acid	3
000124-04-9	Adipic acid	3
000124-07-2	Octanoic acid	4B
000124-09-4	1,6-diaminohexane	3
000124-13-0	1-Octanal	3
000124-28-7	N,N-Dimethyloctadecylamine	3
000124-38-9	Carbon dioxide	3
000124-40-3	Dimethylamine	3
000124-68-5	2-Amino-2-methyl-1-propanol	3
000125-12-2	Isobornyl acetate	3
000126-14-7	Sucrose octaacetate	3

CAS No.	Formulant Names	List No.
000126-73-8	Phosphoric acid, tributyl ester	3
000126-86-3	2,4,7,9-Tetramethyl-5-decyne-4,7-diol	3
000127-09-3	Acetic acid, sodium salt	4A
000128-37-0	Butylated hydroxytoluene	3
000128-44-9	Saccharin sodium	3
000129-17-9	C.I. Acid Blue 1, sodium salt	3
000130-22-3	2-Anthracenesulfonic acid, 9,10-dihydro-3,4-dihydroxy-9,10-dioxo-, monosodium salt	3
000131-11-3	Dimethyl phthalate	2
000131-57-7	2-Hydroxy-4-methoxy benzophenone	3
000134-09-8	Cyclohexanol, 5-methyl-2-(1-methylethyl)-, 2-aminobenzoate	3
000134-20-3	methyl anthranilate	3
000134-31-6	8-Hydroxyquinoline sulfate	3
000136-51-6	Calcium 2-ethylhexanoate	3
000136-52-7	2-Ethylhexanoic acid cobalt salt	3
000136-53-8	Zinc 2-ethylhexoate	3
000137-16-6	Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt	3
000137-20-2	N-Methyl-N-oleoyltaurine, sodium salt	3
000138-86-3	alpha-Limonene	3
000139-13-9	Aminotriethanoic acid	3
000139-33-3	Disodium ethylenediaminetetraacetate	3
000139-89-9	Trisodium N-(2-hydroxyethyl)ethylenediaminetriacetate	3
000139-96-8	Triethanolamine lauryl sulfate	3
000140-01-2	Pentasodium diethylenetriaminepentaacetate	3
000140-11-4	Benzyl actetate	3
000140-66-9	4-(1,1,3,3-Tetramethylbutyl)phenol	3
000141-04-8	Diisobutyl adipate	3
000141-32-2	Butyl acrylate	3
000141-43-5	Ethanolamine	3
000141-78-6	Ethyl acetate	4B
000141-92-4	Octanal, 7-hydroxy-3,7-dimethyl-, dimethyl acetal	3
000142-47-2	Glutamic acid, sodium salt	3
000142-77-8	9-Octadecenoic acid, butyl ester (Z)-	3
000142-78-9	N-(2-Hydroxyethyl)dodecanamide	3
000142-82-5	Heptane	3
000142-91-6	Isopropyl palmitate	3
000143-08-8	1-Nonanol	3
000143-19-1	9-Octadecenoic acid (9Z)-, sodium salt	4B
000144-55-8	Carbonic acid, monosodium salt	4A
000144-62-7	Oxalic acid	3

CAS No.	Formulant Names	List No.
000147-14-8	Copper phthalocyanine blue	4B
000149-11-1	Hexanoic acid, 2-ethyl-, copper(2) salt	3
000149-30-4	2-Mercaptobenzothiazole	2
000149-57-5	2-Ethylhexanoic acid	3
000151-21-3	Dodecyl sulfate, sodium salt	4B
000299-28-5	Calcium gluconate	3
000300-92-5	Aluminum hydroxide distearate	3
000366-18-7	2,2'-Bipyridine	3
000461-58-5	Dicyanodiamide	3
000471-34-1	Calcium carbonate (no asbestos and less than 1% crystalline silica)	4A
000482-89-3	(delta(sup 2,2')-Biindoline)-3,3'-dione	2
000496-46-8	Glycouril	3
000497-19-8	Carbonic acid, disodium salt	4B
000503-74-2	isovaleric acid	3
000509-34-2	C.I. Solvent Red 49	3
000513-86-0	acetoin	3
000518-47-8	C.I. Acid Yellow 73	3
000520-45-6	Dehydroacetic acid	3
000527-07-1	Gluconic acid, sodium salt	4B
000532-32-1	Benzoic acid, sodium salt	4B
000533-74-4	Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione	3
000533-96-0	Sodium sesquicarbonate	4B
000540-10-3	Palmitic acid, hexadecyl ester	3
000540-97-6	Dodecamethylcyclohexasiloxane	3
000541-02-6	Decamethylcyclopentasiloxane	3
000546-93-0	Carbonic acid, magnesium salt (1:1)	4A
000554-13-2	Lithium carbonate	3
000556-67-2	Octamethylcyclotetrasiloxane	3
000557-04-0	Octadecanoic acid, magnesium salt	4A
000557-05-1	Octadecanoic acid, zinc salt	4A
000577-11-7	Sodium bis(2-ethylhexyl) sulfosuccinate	4B
000584-08-7	Carbonic acid, dipotassium salt	4B
000587-98-4	C.I. Acid Yellow 36, monosodium salt	3
000593-29-3	Octadecanoic acid, potassium salt	4B
000593-81-7	Trimethylamine, hydrochloride	3
000603-35-0	Triphenyl phosphine	3
000621-59-0	benzaldehyde, 3-hydroxy-4-methoxy-	3
000624-54-4	Propanoic acid, pentyl ester	3
000627-83-8	Ethylene glycol distearate	3

CAS No.	Formulant Names	List No.
000628-63-7	Amyl acetate	3
000629-11-8	1,6-Hexanediol	3
000629-70-9	1-Hexadecanol acetate	3
000633-03-4	Ammonium, (4-(p-(diethylamino)-alpha-phenylbenzylidene)-2,5-cyclohexadien-1-ylidene) diethyl-,sulfate (1:1)	3
000633-96-5	C.I. Acid Orange 7, monosodium salt	3
000637-12-7	Octadecanoic acid, aluminum salt	4B
000637-39-8	Triethanolamine hydrochloride	3
000770-35-4	2-Propanol, 1-phenoxy-	3
000811-97-2	1,1,1,2-Tetrafluoroethane	4B
000815-57-6	2,4-pentanedione, 3-methyl-	3
000822-06-0	1,6-Diisocyanatohexane	3
000822-16-2	Octadecanoic acid, sodium salt	4B
000828-00-2	6-Acetoxy-2,4-dimethyl-m-dioxane	3
000842-07-9	2-Napthalenol, 1-(phenylazo)	3
000860-22-0	FD&C Blue No. 2	4B
000872-50-4	N-Methyl-2-pyrrolidinone	3
000915-67-3	C.I. Acid Red 27, trisodium salt	3
000929-06-6	2-(2-Aminoethoxy)ethanol	3
000989-38-8	C.I. Basic Red 1	3
001002-89-7	Octadecanoic acid, ammonium salt	4A
001066-33-7	Carbonic acid, monoammonium	4B
001077-56-1	N-Ethyl-2-methyl-benzenesulfonamide	3
001103-39-5	1-Naphthalenesulfonic acid, 2-((2-hydroxy-1-naphthalenyl)azo)-, calcium salt (2:1)	3
001111-78-0	Ammonium carbamate	3
001191-50-0	Tetradecyl sulfate, sodium salt	3
001300-72-7	Xylenesulfonic acid, sodium salt	3
001302-78-9	Bentonite	4A
001302-93-8	Mullite (Al6O5(SiO4)2)	4A
001303-96-4	Borax	3
001305-62-0	Calcium hydroxide	4B
001305-78-8	Calcium oxide	4B
001308-14-1	Chromic acid	3
001308-38-9	Chrome oxide (Cr2O3)	3
001309-37-1	Iron oxide (Fe2O3)	4A
001309-38-2	Magnetite	4A
001309-42-8	Magnesium hydroxide	4B
001309-48-4	Magnesium oxide	4A

CAS No.	Formulant Names	List No.
001310-58-3	Potasium hydroxide	4B
001310-65-2	Lithium hydroxide	3
001310-66-3	Lithium hydrate	3
001310-73-2	Sodium hydroxide	4B
001314-13-2	Zinc oxide	4A
001314-23-4	Zirconium oxide	2
001314-56-3	Phosphorus pentoxide	3
001317-33-5	Molybdenum disulfide	3
001317-34-6	Manganese(III) oxide	3
001317-38-0	Copper oxide	3
001317-61-9	Iron oxide (Fe3O4)	4A
001317-65-3	Limestone (no asbestos and less than 1% crystalline silica)	4A
001317-71-1	Olivine	3
001317-80-2	Rutile	3
001318-00-9	Vermiculite (no asbestos and less than 1% crystalline silica)	4A
001318-02-1	Zeolites (excluding erionite (CAS Reg. No. 66733-21-9))	4A
001318-23-6	Boehmite (Al(OH)O)	3
001318-59-8	Chlorite	3
001318-74-7	Kaolinite	3
001318-93-0	Montmorillonite	4A
001320-07-6	C.I. Acid Orange 24, monosodium salt	3
001320-67-8	1,2-Propanediol, monomethyl ether	3
001321-69-3	Naphthalenesulfonic acid, sodium salt	3
001321-94-4	Methylnaphthalene	3
001322-93-6	Diisopropylnaphthalenesulfonic acid, sodium salt	3
001327-43-1	Aluminum magnesium silicate	4A
001328-53-6	C.I. Pigment Green 7	4B
001330-20-7	Xylene	2
001330-38-7	C.I. Direct Blue 86	3
001330-39-8	Copper phthalocyanine trisulfonic acid	3
001330-43-4	Disodium tetraborate	3
001331-61-9	Dodecylbenzenesulfonic acid, ammonium salt	3
001332-37-2	Iron oxide	3
001332-58-7	Kaolin (no asbestos and less than 1% crystalline silica)	4A
001333-86-4	Carbon black	3
001335-30-4	Silicic acid, aluminum salt	4A
001336-21-6	Ammonium hydroxide	4B
001336-93-2	Manganese naphthenate	3
001338-02-9	Copper naphthenate	3

CAS No.	Formulant Names	List No.
001338-14-3	Naphthenic acids, iron salts	3
001338-24-5	Naphthenic acid	3
001338-41-6	Sorbitan monostearate	4B
001338-43-8	Sorbitan monooleate	3
001343-88-0	Silicic acid, magnesium salt	4A
001343-98-2	Silicic acid	4B
001344-00-9	Silicic acid, aluminum sodium salt	4A
001344-09-8	Silicic acid, sodium salt	4B
001344-28-1	Aluminum oxide	4B
001344-95-2	Calcium silicate	4A
001541-81-7	Morpholine, 4-dodecyl-	3
001589-47-5	2-Methoxy-1-propanol	3
001592-23-0	Octadecanoic acid, calcium salt	4A
001599-67-3	1-Docosene	3
001643-20-5	N,N-Dimethyldodecylamine oxide	3
001762-95-4	Ammonium thiocyanate	3
001934-21-0	C.I. Acid Yellow 23, trisodium salt	3
001945-78-4	Benzothiazole, 2,2'-methylenebis-	3
001948-33-0	tert-Butylhydroquinone	3
002050-08-0	2-Hydroxybenzoic acid, pentyl ester	3
002082-79-3	Ocatdecyl 3-(3',5'-di-tert-butyl-4'-hydroxyphenyl)propionate	3
002235-54-3	Dodecyl sulfate, ammonium salt	3
002321-07-5	Fluorescein	3
002390-60-5	C.I. Basic Blue 7	3
002425-85-6	C.I. Pigment Red 3	3
002440-22-4	2-(2H-Benzotriazol-2-yl)-4-methylphenol	3
002457-01-4	Barium 2-ethylhexanoate	3
002492-26-4	2-Mercaptobenzothiazole, sodium salt	3
002605-78-9	N,N-Dimethyloctylamine N-oxide	3
002610-11-9	C.I. Direct Red 81, disodium salt	3
002634-33-5	1,2-Benzisothiazolin-3-one	3
002650-18-2	C.I. Acid Blue 9, diammonium salt	3
002682-20-4	3(2H)-Isothiazolone, 2-methyl-	3
002772-45-4	Phenol, 2,4-bis(1-methyl-1-phenylethyl)-	3
002783-94-0	C.I. Food Yellow 3	3
002809-21-4	1-Hydroxyethylidene-1,1-diphosphonic acid	4B
002836-32-0	Glycolic acid, sodium salt	3
002855-13-2	Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-	3
002991-51-7	Glycine, N-ethyl-N-((heptadecafluorooctyl)sulfonyl)-, potassium salt	3

CAS No.	Formulant Names	List No.
003006-15-3	Sodium 1,4-dihexyl sulfosuccinate	3
003068-39-1	Xanthylium, 3,6-bis(ethylamino)-9-[2-(methoxycarbonyl)phenyl]-2,7-dimethyl-, chloride	3
003088-31-1	2-(2-Dodecyloxyethoxy)ethyl sodium sulfate	3
003164-85-0	Potassium 2-ethylhexanoate	3
003251-23-8	Copper nitrate	3
003380-34-5	2,4,4'-Trichloro-2-hydroxy diphenyl ether	3
003452-07-1	1-Eicosene	3
003486-30-4	C.I. Acid Blue 7, sodium salt	3
003486-35-9	Zinc carbonate	4B
003567-66-6	C.I. Acid Red 33, disodium salt	3
003567-69-9	C.I. Acid Red 14, disodium salt	3
003586-55-8	Ethylene glycol bis(semiformal)	3
003734-33-6	Denatonium benzoate	3
003734-67-6	C.I. Acid Red 1	3
003811-04-9	Potassium chlorate	3
003844-45-9	C.I. Acid Blue 9, disodium salt	3
003848-24-6	2,3-hexanedione	3
003896-11-5	2-(2-Hydroxy-3-tert-butyl-5-methylphenyl)-5-chloro-2H-benzotriazole	3
003910-35-8	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-3-phenyl-	3
004065-45-6	2-Hydroxy-4-methoxybenzophenone-5-sulfonic acid	3
004075-81-4	Calcium propionate	4B
004080-31-3	Hexamethylenetetramine chloroallyl chloride	3
004247-02-3	Benzoic acid, p-hydroxy-, isobutyl ester	3
004368-56-3	2-Anthracenesulfonic acid,1-amino-4-(cyclohexylamino)-9, 10-dihydro-9,10-dioxo-, monosodium salt	3
004395-65-7	C.I. Solvent Blue 68	3
004403-90-1	C.I. Solvent Green 25	3
004474-24-2	C.I. Acid Blue 80	3
004940-11-8	2-Ethyl-3-hydroxy-4H-pyran-4-one	3
005064-31-3	Trisodium nitrilotriacetate	3
005131-66-8	1-Butoxy-2-propanol	2
005137-55-3	Tricaprylyl methyl ammonium chloride	3
005281-04-9	C.I. Pigment Red 57:1	3
005329-14-6	Sulfamic acid	3
005333-42-6	2-Octyldodecanol	3
005392-40-5	Citral	3
005437-45-6	Benzyl bromoacetate	3
005466-77-3	2-Ethylhexyl-p-methoxycinnamate	3
005850-16-8	C.I. Acid Brown 14, disodium salt	3

CAS No.	Formulant Names	List No.
005892-47-7	2,4,6-Tris(1-methylpropyl)-phenol	3
005949-29-1	Citric acid, monohydrate	4A
005989-27-5	d-Limonene	4B
005989-81-1	alpha-D-Lactose monohydrate	4A
006132-04-3	Citric acid, trisodium salt, dihydrate	4A
006152-33-6	[1,1'-Biphenyl]-2-ol, sodium salt, tetrahydrate	3
006197-30-4	2-Ethylhexyl 2-cyano-3,3-diphenylacrylate	3
006247-34-3	2-Anthracenesulfonic acid, 4-[[4-(acetylamino)phenyl]amino]-1-amino-9,10-dihydro-9,10-dioxo-	3
006258-73-7	Benzene, 1,1'-(1,3,3-trimethyl-1-propene-1,3-diyl)bis-	3
006258-73-7	Benzene,1,1'-(1,3,3-trimethyl-1-propene-1,3-diyl)bis-	3
006303-21-5	Hypophosphorus acid	3
006317-18-6	Thiocyanic acid, methylene ester	3
006320-14-5	3H-Indolium, 1,3,3-trimethyl-2-(3-(1,3,3-trimethyl-2-indolinylidene)propenyl)-, chloride	3
006358-31-2	C.I. Pigment Yellow 74	3
006358-37-8	Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-methylphenyl)-3-oxo-	3
006362-80-7	Benzene, 1,1'-(1,1-dimethyl-3-methylene-1,3-propanediyl)bis-	3
006408-78-2	C.I. Acid Blue 25	3
006408-80-6	C.I. Acid Blue 145	3
006417-83-0	2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(1-sulfo-2-naphthalenyl)azo]-, calcium salt (1:1)	3
006422-86-2	Terephthalic acid, bis(2-ethylhexyl) ester	3
006440-58-0	Dimethylol-5,5-dimethylhydantoin	3
006535-46-2	2-Naphthalenecarboxamide, 3-hydroxy-N-(2-methylphenyl)-4-[(2,4,5-trichlorophenyl)azo]-	3
006700-85-2	Cobalt octanoate	3
006834-92-0	Silicic acid (H2SiO3), disodium salt	4B
006915-15-7	Malic acid	4A
006938-94-9	Diisopropyl adipate	3
006969-49-9	n-Octyl salicylate	3
007000-29-5	Calcium magnesium carbonate	3
007023-61-2	C.I. Pigment Red 48, calcium salt	3
007091-57-8	8-Quinolinol, benzoate (salt)	3
007235-40-7	beta-Carotene, all-trans-	3
007320-34-5	Tetrapotassium pyrophosphate	4B
007376-31-0	Ethanol, 2,2',2"-nitrilotris-, sulfate (salt)	3
007396-58-9	1-Decanamine, N-decyl-N-methyl-	3
007429-90-5	Aluminum (metal)	3
007439-89-6	Iron (Fe)	4B

CAS No.	Formulant Names	List No.
007439-96-5	Manganese	3
007440-44-0	Carbon	4A
007440-50-8	Copper	3
007440-67-7	Zirconium	3
007447-40-7	Potassium chloride	4A
007447-41-8	Lithium chloride	3
007487-88-9	Sulfuric acid, magnesium salt (1:1)	4A
007492-70-8	Butyric acid, ester with butyl lactate	3
007558-79-4	Disodium phosphate	4B
007558-80-7	Sodium dihydrogen phosphate	4B
007578-43-0	N,N-Bis(2-(bis(caboxymethyl)amino)ethyl)glycine, sodium salt	3
007601-54-9	Trisodium phosphate	4B
007631-86-9	Silicon dioxide (crystalline-free forms only)	4A
007631-90-5	Sodium bisulfite*	3
007631-95-0	Sodium molybdate	3
007631-99-4	Sodium nitrate	4B
007632-00-0	Sodium nitrite	3
007632-04-4	Perboric acid, sodium salt	3
007647-01-0	Hydrogen chloride	4B
007647-14-5	Sodium chloride	4A
007647-15-6	Sodium bromide	4B
007664-38-2	Phosphoric acid	4B
007664-41-7	Ammonia	3
007664-93-9	Sulfuric acid	4B
007681-11-0	Potassium iodide (KI)	3
007681-38-1	Sodium bisulfate	4B
007704-34-9	Sulfur	4A
007705-08-0	Ferric chloride	4B
007722-76-1	Ammonium phosphate (monobasic)	4B
007722-84-1	Hydrogen peroxide	3
007722-88-5	Diphosphoric acid, tetrasodium salt	4B
007723-14-0	Phosphorus (red)	3
007727-37-9	Nitrogen	4A
007727-43-7	Barium sulfate (1:1)	3
007732-18-5	Water	4A
007733-02-0	Zinc sulphate (1:1)	3
007757-79-1	Potassium nitrate	3
007757-82-6	Sulfuric acid, disodium salt	4A
007757-83-7	Sodium sulfite*	3

CAS No.	Formulant Names	List No.
007758-16-9	Sodium acid pyrophosphate	4B
007758-29-4	Sodium tripolyphosphate	4B
007758-87-4	Tricalcium phosphate	4B
007772-99-8	Stannous chloride	3
007773-01-5	Manganese chloride	3
007775-09-9	Sodium chlorate	3
007775-14-6	Sodium dithionite	3
007775-27-1	Peroxydisulfuric acid, disodium salt	3
007778-18-9	Sulfuric acid, calcium salt (1:1)	4A
007778-50-9	Potassium dichromate	2
007778-77-0	Potassium phosphate, monobasic	4B
007778-80-5	Sulfuric acid, dipotassium salt	4A
007782-42-5	Graphite (no asbestos and less than 1% crystalline silica)	4A
007783-20-2	Ammonium sulfate	4B
007783-28-0	Diammonium phosphate	4B
007785-87-7	Manganese sulfate	4B
007786-30-3	Magnesium chloride	4B
007789-38-0	Sodium bromate	3
008000-25-7	Oils, rosemary	4B
008000-27-9	Oil of cedarwood	3
008000-29-1	Oil of citronella	3
008000-46-2	Oils, geranium	4B
008000-48-4	Eucalyptus oil	3
008001-21-6	Sunflower seed oil	3
008001-22-7	Soybean oil*	4A
008001-25-0	Olive oil	4A
008001-26-1	Linseed oil (boiled)	4B
008001-26-1	Linseed oil (unboiled)	4A
008001-29-4	Cottonseed oil	4A
008001-30-7	Corn oil	4A
008001-31-8	Coconut oil	4A
008001-39-6	Vegetable wax	3
008001-58-9	Coal tar creosote	1
008001-78-3	Castor oil, hydrogenated	4A
008001-79-4	Castor oil	4A
008001-88-5	Birch tar oil	3
008001-97-6	Aloe vera gel	3
008002-03-7	Peanut oil*	4A
008002-05-9	Petroleum	2

CAS No.	Formulant Names	List No.
008002-09-3	Pine oil	4B
008002-26-4	Tall oil	3
008002-33-3	Sulfated castor oil	4B
008002-43-5	Lecithins	4A
008002-48-0	Malt extract	4A
008002-74-2	Paraffin wax	4A
008003-22-3	C.I. Solvent Yellow 33	3
008003-34-7	Pyrethrum	3
008004-92-0	C.I. Acid Yellow 3	3
008006-54-0	Lanolin	4A
008006-90-4	Peppermint oil	3
008007-02-1	Oil of lemongrass	3
008007-24-7	Cashew, nutshell liquid*	3
008007-44-1	Pennyroyal oil	3
008007-69-0	Almond oil*	4A
008007-70-3	Oil of anise	3
008008-20-6	Kerosene (deodorized)	3
008008-51-3	Oil of camphor	3
008008-57-9	Orange oil	4B
008008-79-5	Spearmint oil	4B
008009-03-8	Petrolatum	4B
008012-89-3	Beeswax	4A
008012-95-1	Paraffin oils	3
008013-01-2	Yeast extract	3
008013-07-8	Epoxidized soybean oil*	3
008014-09-3	Oils, patchouli	3
008014-19-5	Oils, palmarosa	4B
008015-86-9	Carnauba wax	4B
008015-90-5	oils, celery	3
008016-11-3	Epoxidized linseed oil	3
008022-56-8	Oils, sage	4B
008022-96-6	Essential oils	3
008027-33-6	Alcohols, lanolin	3
008028-66-8	Honey	4A
008028-89-5	Carmel	4B
008029-76-3	Hydroxylated lecithin	3
008030-30-6	Naphtha	3
008030-76-0	Lecithins, soya*	4A
008031-18-3	Fuller's earth	4A

CAS No.	Formulant Names	List No.
008042-47-5	White mineral oil (petroleum)	4A
008047-99-2	N-Ethyltoluenesulfonamide	3
008050-09-7	Rosin	3
008050-15-5	Resin acids and rosin acids, hydrogenated, Me esters	3
008050-26-8	resin acids and rosin acids, esters with pentaerythritol	3
008050-81-5	Simethicone	3
008051-30-7	Coconut oil, reaction products with diethanolamine	3
008052-10-6	Tall oil rosin	3
008052-35-5	Molasses	4A
008052-41-3	Stoddard solvent	2
008052-42-4	Asphalt	3
008052-48-0	Sodium tallow soap	4B
008052-50-4	Tallow, sulfated, sodium salt	3
008061-51-6	Lignosulfonic acid, sodium salt	4B
008061-52-7	Lignosulfonic acid, calcium salt	4B
008061-53-8	Lignosulfonic acid, ammonium salt	3
008068-05-1	Lignin, alkali	3
009000-01-5	Gum arabic	4B
009000-07-1	Carrageenan	4A
009000-28-6	Ghatti gum	3
009000-30-0	Guar gum	4A
009000-40-2	Carob gum (locust bean gum)	4A
009000-59-3	Shellac	3
009000-65-1	Gum tragacanth	3
009000-70-8	Gelatin	4B
009000-71-9	Casein*	4B
009002-18-0	Agar	3
009002-84-0	Polytetrafluoroethylene	3
009002-86-2	Polyvinyl chloride resin	4B
009002-88-4	Polyethylene	4A
009002-89-5	Polyvinyl alcohol	4B
009002-92-0	Polyoxyethylene dodecyl mono ether	4B
009002-93-1	Polyoxyethylene 4-(1,1,3,3-tetramethylbutyl)phenyl ether	3
009003-01-4	Acrylic acid polymer	4B
009003-04-7	Acrylic acid polymer, sodium salt	4B
009003-05-8	Polyacrylamide	4B
009003-07-0	Polypropylene	4B
009003-11-6	Polyoxyethylene-polyoxypropylene copolymer	4B
009003-13-8	Butoxypropylene glycol	3

CAS No.	Formulant Names	List No.
009003-18-3	2-Propenenitrile, polymer with 1,3-butadiene	4B
009003-20-7	Polyvinyl acetate	4B
009003-22-9	Vinyl chloride-vinyl acetate copolymer	4B
009003-39-8	Polyvinylpyrrolidone	4B
009003-53-6	Polystyrene resin	4B
009004-32-4	Cellulose carboxymethyl ether, sodium salt	4A
009004-34-6	Cellulose	4A
009004-53-9	Dextrins	4A
009004-57-3	Cellulose, ethyl ether	3
009004-62-0	Cellulose, 2-hydroxyethyl ether	4A
009004-64-2	Cellulose, 2-hydroxypropyl ether	4A
009004-65-3	Cellulose, 2-hydroxypropyl methyl ester	4A
009004-67-5	Cellulose, methyl ether	4A
009004-82-4	Dodecanol, ethoxylated, monoether with sulfuric acid, sodium salt	4B
009004-87-9	Ethoxylated isooctylphenol	3
009004-94-8	Poly(oxy-1,2-ethanediyl), alpha-(1-oxohexadecyl)- omega -hydroxy-	3
009004-95-9	Polyoxyethylene monohexadecyl ether	4B
009004-96-0	Polyoxyethylene monoleate	4B
009004-98-2	Polyoxyethylene mono(cis-9-octadecenyl) ether	4B
009004-99-3	Polyoxyethylene monostearate	4B
009005-00-9	Polyoxyethylene monoocatdecyl ether	4B
009005-07-6	Polyoxyethylene dioleate	4B
009005-08-7	Polyoxyethylene distearate	4B
009005-25-8	Cornstarch	4A
009005-27-0	Hetastarch	3
009005-37-2	Propylene glucol alginate	4B
009005-38-3	Sodium alginate	4A
009005-46-3	Sodium caseinate	4B
009005-53-2	Lignin solids	3
009005-64-5	Polyoxyethylene sorbitan monolaurate	4B
009005-65-6	Polyoxyethylene sorbitan monooleate	4B
009005-66-7	Polyoxyethylene sorbitan monopalmitate	4B
009005-67-8	Polyoxyethylene sorbitan monostearate	4B
009005-70-3	Polyoxyethylene sorbitan trioleate	4B
009005-71-4	Polyoxyethylene sorbitan tristearate	4B
009007-13-0	Resin acids and rosin acids, calcium salts	3
009007-16-3	Acrylic acid, polymer with sucrose polyallyl ether	3
009007-48-1	1,2,3-Propanetriol, homopolymer, (9Z)-9-octadecenoate	4B
009010-66-6	Zein	3

CAS No.	Formulant Names	List No.
009010-88-2	Ethyl acrylate, copolymer with methyl methacrylate	3
009011-05-6	Urea-formaldehyde resin	4B
009011-11-4	Ethenylbenzene, polymer with (1-methylethenyl)benzene	3
009011-16-9	Maleic anhydride - methylvinyl ether copolymer	4B
009012-54-8	Enzyme concentrate, dry matter	3
009014-01-1	Subtilisin	3
009014-85-1	Polyethylene glycol ether with 1,4-diisobutyl-1,4-dimethylbutynediol (2:1)	4B
009014-90-8	Nonylphenol, ethoxylated, monoether with sulfuric acid, sodium salt	4B
009014-92-0	Polyoxyethylene dodecylphenol	4B
009014-93-1	Polyoxyethylene dinonylphenol	4B
009016-00-6	Poly(oxy(dimethylsilylene))	3
009016-45-9	Polyoxyethylene nonylphenol	4B
009016-87-9	Polymethylenepolyphenylene isocyanate	3
009036-19-5	Polyoxyethylene (1,1,3,3-tretramethylbutyl)phenyl ether	4B
009038-95-3	Polyethylene-polypropylene glycol, monobutyl ether	4B
009041-33-2	Oxirane, methyl-,polymer with oxirane, mono-2-propenyl ether	4B
009043-30-5	Polyoxyethylene isotridecyl ether	3
009046-01-9	Polyethylene glycol mono tributylphenyl ether	3
009046-09-7	Polyethylene glycol mono tributylphenyl ether	3
009050-36-6	Maltodextrin	4A
009069-80-1	Naphthalenesulfonic acid, polymer with formaldehyde, ammonium salt	3
009081-17-8	Nonylphenol, ethoxylated, monoether with sulfuric acid	4B
009084-06-4	Naphthalenesulfonic acid, polymer with formaldehyde, sodium salt	4B
010024-97-2	Nitrous oxide	3
010028-22-5	Ferric sulfate	4B
010031-43-3	Copper(II) nitrate, trihydrate (1:2:3)	3
010043-01-3	Aluminum sulfate	4B
010043-35-3	Boric acid (H3BO3)	3
010043-52-4	Calcium chloride	4B
010043-67-1	Potassium aluminum sulfate	3
010124-56-8	Sodium hexametaphosphate	4B
010137-74-3	Calcium chlorate	3
010191-41-0	2H-1-Benzopyran-6-ol,3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-	4B
010192-30-0	Ammonium acid sulfite*	3
010192-32-2	1-Tetracosene	3
010197-71-4	Phthalic acid, sodium salt	3
010213-79-3	Silicic acid, disodium salt, pentahydrate	4B
010294-56-1	Phosphorous acid	3
010377-60-3	Magnesium nitrate	4B

CAS No.	Formulant Names	List No.
010378-23-1	Tetrasodium ethylenediamine tetraacetate dihydrate	3
010545-99-0	Chlorine sulfide	3
011081-15-5	Isooctyl phenol	3
011099-07-3	Octadecanoic acid, ester with 1,2,3-propanetriol	4A
011117-11-6	Benzenesulfonic acid, tetrapropylene-, calcium salt	3
011138-66-2	Xanthan gum	4A
011296-00-8	White carbon	3
012001-26-2	Mica group minerals (no asbestos and less than 1% crystalline silica)	4A
012030-88-5	Potassium superoxide	3
012040-43-6	Silicic acid, aluminum magnesium sodium salt	3
012058-66-1	Disodium stannate	3
012124-97-9	Ammonium bromide	4B
012125-02-9	Ammonium chloride	4B
012135-86-3	Serpentime (or: Antigorite, Lisardite)	3
012136-45-7	Potassium oxide	3
012142-33-5	Stannate (SnO3(2-)), dipotassium	3
012173-10-3	Clinoptilolite	3
012173-47-6	Hectorite	4B
012174-11-7	Attapulgite	4B
012179-04-3	Boric acid (H2B4O7)), disodium salt, pentaborate	3
012199-37-0	Smectite-group minerals	4B
012225-06-8	2-Naphthalenecarboxamide, N-(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-3-hydroxy-4-[[2-methoxy-5-[(phenylamino)carbonyl]phenyl]azo]-	3
012225-21-7	C.I. Pigment Yellow 100	3
012227-89-3	C.I. Pigment Black 11	3
012236-62-3	C.I. Pigment Orange 36	3
012236-86-1	C.I. Reactive Blue 21	3
012239-87-1	Copper, (chlorophthalocyaninato(2-))	3
012269-78-2	Pyrophyllite	4B
012401-86-4	Sodium monoxide	3
012768-78-4	C.I. Acid Green 16	3
013081-34-0	Polyoxyethylene S-ether with dodecylmercaptan	3
013081-97-5	Octadecanoic acid, 2,2-bis(hydroxymethyl)-1,3-propanediyl ester	3
013397-24-5	Gypsum	4A
013397-26-7	Carbonic acid, calcium salt (calcite) (no asbestos and less than 1% crystalline silica)	4A
013463-67-7	Titanium dioxide	4B
013467-82-8	Octaneperoxoic acid, 1,1-dimethylethyl ester	3
013515-40-7	C.I. Pigment Yellow 73	3
013983-17-0	Wollastonite (Ca(SiO3))	4A

CAS No.	Formulant Names	List No.
014356-36-6	4-Dodecylbenzenesulfonic acid, butylamine salt	3
014464-46-1	Cristobalite	4B
014567-73-8	Tremolite	2
014644-61-2	Zirconium sulfate	3
014751-87-2	Acetohydroxamic acid, N-fluoren-2-yl-, cobalt(2) complex	3
014807-96-6	Talc (no asbestos and less than 1% crystalline silica)	4B
014808-60-7	Silica, crystalline (quartz)	2
015782-05-5	C.I. Pigment Red 48:3	3
015792-67-3	C.I. Acid Blue 9, aluminum salt (3:2)	3
015956-58-8	2-Ethyl hexanoic acid, manganese salt	3
016291-96-6	Charcoal	3
016389-88-1	Dolomite (CaMg(CO3)2) (no asbestos and less than 1% crystalline silica)	4A
016423-68-0	Fluorescein, 2',4',5',7'-tetraiodo, disodium salt {Spiro(isobenzofuran) tautomeric form}	3
017068-78-9	Asbestos, anthophyllite	2
017354-14-2	C.I. Solvent Blue 35	3
017572-97-3	Ethylenediaminetetraacetic acid, tripotassium salt	3
017804-49-8	2,7-Naphthalenedisulfonic acid, 5-((4,6-dicloro-s-triazin-2-yl)amino)-4-hydroxy-3-(phenylazo)-, disodium salt	3
018016-19-8	Maleic acid, sodium salt	3
018282-10-5	Tin oxide	3
018299-54-2	Ethylenediamine hydrochloride	2
018820-29-6	Manganese sulfide	3
018835-33-1	1-Hexacosene	3
019381-50-1	C.I. Acid Green 1	3
019549-80-5	4,6-Dimethyl-2-heptanone	3
020344-49-4	Iron hydroxide oxide (Fe(OH)O)	4B
020427-58-1	Zinc hydroxide	3
020427 59-2	Copper hydroxide	3
021245-02-3	4-(Dimethylamino)benzoic acid, 2-ethylhexyl ester	3
021564-17-0	Thiocyanic acid, (2-benzothiazolylthio)methyl ester	3
021645-51-2	Aluminum hydroxide	4B
022464-99-9	2-Ethylhexanoic acid, zirconium salt	3
023783-26-8	Acetic acid, hydroxyphosphono-	3
024634-61-5	Potassium sorbate	4B
024938-91-8	Polyoxyethylene tridecyl ether	3
025013-16-5	Butylated hydroxyanisole	3
025035-69-2	Methacrylic acid, polymer with butyl acryate and methyl methacrylate	3
025067-01-0	Vinyl acetate, polymer with n-butyl acrylate	4B

CAS No.	Formulant Names	List No.
025068-38-6	Bisphenol A - epichlorohydrin condensate	3
025086-89-9	Polyvinylpyrrolidone-vinyl acetate copolymer	4B
025104-37-4	Poly(vinyl ethyl ether)	3
025133-97-5	2-Propenoic acid, 2-methyl-, polymer with ethyl 2-propenoate and methyl 2-methyl-2-propenoate	3
025154-85-2	Vinyl chloride - isobutyl vinyl ether copolymer	3
025155-30-0	Dodecybenzenesulfonic acid, sodium salt	3
025167-81-1	Dichorophenol	3
025212-88-8	Ethyl acrylate-methacrylic acid copolymer	4B
025213-24-5	Vinyl alcohol-vinyl acetate copolymer	4B
025231-21-4	Polyoxypropylene monostearyl ether	4B
025265-71-8	Dipropylene glycol	3
025265-77-4	2,2,4-Trimethylpentane-1,3-diol monoisobutyrate	3
025322-68-3	Polyethylene glycol	4B
025322-69-4	Polypropylene glycol	4B
025339-17-7	Isodecyl alcohol	2
025340-17-4	Benzene, diethyl-	2
025417-20-3	Dibutylnaphthalenesulfonic acid, sodium salt	3
025446-78-0	Ethanol, 2-[2-[2-(tridecyloxy)ethoxy]ethoxy]-, hydrogen sulfate, sodium salt	3
025498-49-1	[2-(2-Methoxymethylethoxy)methylethoxy]propanol	2
025550-14-5	Ethylmethylbenzene	2
025550-98-5	Diisodecylphenyl phosphite	3
025551-13-7	Trimethylbenzene	3
025608-33-7	Methyl methacrylate, copolymer with butyl methacrylate	3
025638-17-9	Butylnaphthalenesulfonic acid, sodium salt	3
025655-41-8	Poly(1-(2-oxo-1-pyrrolidinyl)ethylene)iodine complex	3
025766-59-0	Polycarbonate	3
025791-96-2	Poly(oxypropylene) glycol triether	3
025852-37-3	Methyl methacrylate, copolymer with butyl acrylate	3
025956-17-6	FD&C Red No. 40	4B
026009-03-0	Polyglycolic acid	3
026027-38-3	p-Nonylphenol, ethoxylated	4B
026062-79-3	Ammonium, diallydimethyl-, chloride, polymers	3
026172-55-4	3(2H)-Isothiazolone, 5-chloro-2-methyl-	3
026221-73-8	1-Octene, polymer with ethene	3
026249-20-7	Ucar butylene oxide 12 (Obs.)	3
026254-89-7	Butanal, 2,2-diethyl-	3
026264-05-1	Dodecylbenzenesulfonic acid, isopropylamine salt	3
026264-06-2	Dodecylbenzenesulfonic acid, calcium salt	3

CAS No.	Formulant Names	List No.
026264-58-4	Methylnaphthalenesulfonic acid, sodium salt	3
026266-58-0	Sorbitan trioleate	3
026403-62-3	Poly[oxy(methyl-1,2-ethanediyl)], alpha-(1-oxooctadecyl)-omega-[(1-oxooctadecyl)oxy]-	3
026447-40-5	4,4'-,2,4'-,2,2'-Diisocyanatodiphenylmethane	3
026499-65-0	Plaster of Paris	4A
026530-20-1	2-Octyl-4-isothiazolin-3-one	3
026635-93-8	N,N'-Bis(polyoxyethylene)oleylamine	3
026658-19-5	Sorbitan tristearate	3
026761-40-0	Diisodecyl phthalate	3
026873-77-8	2-Ethylhexyl 2-propenoate and 2-propene	4B
026896-20-8	Neodecanoic acid	3
026952-21-6	Isooctanol	3
027138-31-4	Dipropylene glycol dibenzoate	3
027176-87-0	Dodecylbenzenesulfonic acid	3
027177-77-1	Dodecylbenzenesulfonic acid, potassium salt	3
027178-16-1	Adipic acid, diisodecyl ester	3
027178-87-6	Dimethylnaphthalenesulfonic acid, sodium salt	3
027193-86-8	Dodecylphenol	3
027213-90-7	Diisobutylnaphthalenesulfonic acid, sodium salt	3
027253-28-7	Neodecanoic acid, lead salt	3
027253-31-2	Cobalt neodeconoate	3
027253-32-3	Neodecanoic acid, manganese salt	3
027253-33-4	Calcium neodecanoate	3
027274-31-3	Poly(oxy-1,2-ethanediyl), alpha.-2-propenyl-.omega.-hydroxy-	4B
027277-00-5	2-Amino-4,5-dihydro-6-methyl-4-propyl-5-triazolo(1,5-C)-pyrimidin-5-one	3
027321-96-6	Glycols, polyethylene, monocholesteryl ether	3
027323-41-7	Dodecylbenzenesulfonic acid, triethanolamine salt	3
027344-41-8	Benzenesulfonic acid, 2,2'-(4,4'-biphenylylenedivinylene)di-, disodium salt	3
027360-07-2	Butane, 1,1-bis(ethenyloxy)-, polymer with ethanol	3
027458-92-0	Isotridecyl alcohol	3
027479-28-3	Benzenemethanaminium, N-dodecyl-ar-ethyl-N,N-dimethyl-, chloride	3
027479-29-4	Benzenemethanaminium, ar-ethyl-N,N-dimethyl-N-tetradecyl-, chloride	3
027576-86-9	Phenol, (1-methyl-1-phenylethyl)-	3
027756-15-6	Acrylic acid-stearyl methacrylate copolymer	3
028211-18-9	2-Pyrrolidinone, 1-ethenyl-, polymer with 1-eicosene	4B
028262-63-7	2-Propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate	3
028348-64-3	Isopropylnaphthalenesulfonic acid, sodium salt	3
028430-58-2	Vinyl acetate, polymer with methyl acrylate and methyl methacrylate	4B

CAS No.	Formulant Names	List No.
028724-32-5	Poly(oxy-1,2-ethanediyl), alpha, alpha'-[(methyloctadecyliminio)di-2,1-ethanediyl]bis[omega -hydroxy-, chloride	3
029116-98-1	Sorbide dioleate	3
029190-28-1	1,3-Benzenediol, 2,4-bis[(dimethylphenyl)azo]-	3
029385-43-1	Methyl-1H-benzotriazole	2
029733-18-4	Pentanedioic acid, diisodecyl ester	3
030704-63-3	Formaldehyde, polymer with p-tert-butylphenol and oxirane	3
030846-35-6	Formaldehyde, polymer with 4-nonylphenol and oxirane	3
031069-81-5	2-Propenoic acid, 2-methyl-, polymer with butyl 2-propenoate and ethyl 2-propenoate	3
031566-31-1	Octadecanoic acid, monoester with 1,2,3-propanetriol	4A
031694-55-0	Poly(oxy-1,2-ethanediyl), alpha, alpha', alpha''-[1,2,3-propanetriyltris]- omega -hydroxy-	3
031799-71-0	Poly(oxy-1,2-ethanediyl), alpha, alpha'-[[(1-oxo-9-octadecenyl)imino]di-2,1-ethanediyl]bis[omega -hydroxy-, (Z)-	3
031807-55-3	Isododecane	3
031983-27-4	2,6-Octadienenitrile, 3,7-dimethyl-, (Z)-	3
032360-05-7	2-Propenoic acid, 2-methyl-, octadecyl ester	3
032612-48-9	Dodecanol, ethoxylated, monoether with sulfuric acid, ammonium salt	3
032628-06-1	Poly(oxy-1,2-ethanediyl), alpha-(1-oxohexadecyl)- omega -[(1-oxohexadecyl)oxy]-	3
033703-08-1	Diisononyl adipate	3
034149-92-3	Polyvinyl acetate chloride	3
034375-28-5	2-(Hydroxymethylamino)ethanol	3
034590-94-8	Dipropylene glycol monomethyl ether	3
035691-65-7	2-Bromo-2(bromomethyl)pentanedinitrile	3
035835-94-0	Ethyltriphenylphosphonium, acetate	3
036653-82-4	Cetyl alcohol	4B
037199-81-8	Maleic anhydride, polymer with 2,4,4-trimethylpentene, sodium salt	4B
037251-69-7	Polyoxyethylene polyoxypropylene mono(nonylphenyl) ether	3
037280-82-3	Polyoxyethylene polyoxypropylene phosphate	4B
037314-65-1	Lignosulfonic acid, potassium salt	3
037764-25-3	N,N-Diallyl-2,3-dichloroacetamide	4B
037971-36-1	2-Phosphonobutane-1,2,4-tricarboxylic acid	3
038640-62-9	Naphthalene, bis(1-methylethyl)-	3
039390-62-0	Epoxide 8	3
039393-37-8	Sanitizer 711	3
040372-66-5	1,2,4-Butanetricarboxylic acid, 2-phosphono-, sodium salt	3
041928-09-0	Polyethylene glycol ether with 2,2'-methylenebis(4-(tert-octyl)phenol) (2:1)	4B
042808-36-6	Sulfonated butyl oleate, sodium salt	3
051158-08-8	Poly(oxy-1,2-ethanediyl), alpha-hydro- omega -hydroxy-, ether with 1,2,3-propanetriol monooctadecanoate (2:1)	3
051200-87-4	4,4-Dimethyloxazolidine	3

CAS No.	Formulant Names	List No.
051229-78-8	Hexamethylenetetramine chloroallyl chloride, cis isomer	3
051243-47-1	2-Propenoic acid, butyl ester, polymer with ethenylbenzene and ethyl 2-propenoate	3
051274-00-1	C.I. Pigment Yellow 42	3
051617-74-4	Ethanol, 2-amino-, compound with alpha-sulfo- omega -(nonylphenoxy)poly(oxy-1,2-ethanediyl)	3
051730-94-0	Propanol, (methyl-2-phenoxyethoxy)-	3
051774-11-9	Isoheptanol (or: Isoheptylic alcohol solution)	3
051811-79-1	Nonylphenol, ethoxylated, phosphate ester	4B
052232-27-6	Oxirane, methyl-, polymer with oxirane, methyl 2-propenyl ether	3
052357-70-7	Iron oxide brown	3
052503-15-8	Polyethylene glycol nonylphenyl ether phosphate potassium salt	4B
052821-24-6	1H-Benz[de]isoquinoline-1,3(2H)-dione, 2-(3-hydroxypropyl)-6-[(3-hydroxypropyl)amino]-	3
052836-31-4	2,2,5-Trimethyl-3-dichoroacetyl-1,3-oxazolidine	3
053320-86-8	Lithium magnesium sodium silicate	3
054193-36-1	Sodium polymethacrylate	3
055406-53-6	3-Iodo-2-propynyl butyl carbamate	3
055965-84-9	3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	3
056863-02-6	Diethanolamide of linoleic acid	3
057455-37-5	C.I. Pigment Blue 29	3
058128-22-6	Octadecanoic acid, 12-hydroxy-, homopolymer, octadecanoate	4B
058654-67-4	2-Octanone, 5-methyl-	3
059160-79-1	Copper, [[2,2',2"-[29H,31H-phthalocyaninetriyltris(methylene)] tris[1H-isoindole-1,3(2H)-dionato]](2-)-N29,N39,N31,N32]-	3
059487-23-9	C.I. Pigment Red 187	3
060676-86-0	Silica, vitreous	4A
060828-78-6	Polyoxyethylene 2,6,8-trimethyl-4-nonyl ether	4A
061702-78-1	Poly(oxy-1,2-ethanediyl), alpha-[1,3-dimethyl-1-(2-methylpropyl)hexyl]- omega -hydroxy-	3
061723-83-9	Poly(oxy-1,2-ethanediyl), alpha-hydro- omega -hydroxy-, ether with D-glucitol (2:1), tetra-9-octadecenoate, (all-Z)-	3
061788-46-3	Coco alkyl amines	3
061788-49-6	Acetic acid, esters with lanolin alcohols	3
061788-60-1	Methyl esters of cottonseed oil	4B
061788-61-2	Fatty acids, tallow, Me esters	3
061788-62-3	Dicoco alkylmethyl amines	3
061788-72-5	Epoxidized octyl tallate	3
061788-85-0	Castor oil, hydrogenated, ethoxylated	3
061788-89-4	Fatty acids, C18-unsatd., dimers	3
061789-01-3	Tall oil, epoxidized, 2-ethylhexyl esters	3
061789-36-4	Calcium naphthenate	3

CAS No.	Formulant Names	List No.
061789-40-0	N-(Coco alkyl) amido propyl dimethyl betaine	3
061789-70-6	Benzenemethanaminium, N-(3-aminopropyl)-N,N-dimethyl-, N-coco acyl derivatives, chlorides	3
061789-77-3	Quaternary ammonium compounds, di(cocoalkyl)dimethyl, chlorides	3
061789-86-4	Petroleum sulfonic acids, calcium salts	3
061789-91-1	Jojoba bean oil	3
061789-99-9	Lard	4A
061790-12-3	Fatty acids, tall-oil	3
061790-31-6	Amides, tallow, hydrogenated	3
061790-33-8	Amines, tallow alkyl	3
061790-38-3	Fatty acids, tallow, hydrogenated	4B
061790-47-4	Amines, rosin alkyl	3
061790-51-0	Rosin acids, sodium salt	3
061790-53-2	Diatomaceous earth (less than 1% crystalline silica)	4A
061790-66-7	Fatty acids, tall oil, compounds with diethanolamine	3
061790-81-6	Ethoxylated lanolin	3
061790-85-0	Ethoxylated N-(tallow alkyl)trimethylene diamines	3
061790-86-1	Fatty acids, tall-oil, monoesters with sorbitan, ethoxylated	3
061790-88-3	Sorbitan, tall-oil fatty acids triesters, ethoxylated	3
061790-93-0	Fatty acids, tall-oil, tetraesters with sorbitol, ethoxylated	4B
061791-00-2	Fatty acids, tall-oil, ethoxylated	3
061791-06-8	Polyethylene glycol sesquiester of tallow acids	3
061791-12-6	Castor oil, ethoxylated	4B
061791-14-8	Amines, coco alkyl, ethoxylated	3
061791-24-0	Amines, soya alkyl, ethoxylated*	3
061791-26-2	Amines, tallow alkyl, ethoxylated	4B
061791-28-4	Alcohols, tallow, ethoxylated	3
061791-31-9	N,N-Bis(2-hydroxyethyl)(coconut oil alkyl)amine	4B
061791-38-6	1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-norcoco alkyl derivatives	3
061791-41-1	N-Methyl-N-(tall-oil acyl)taurine, sodium salt	3
061791-55-7	N-Tallow alkyltrimethylenediamines	3
061791-63-7	Amines, N-coco alkyltrimethylenedi-	3
061849-72-7	Polypropylene glycol beta-methyl glucoside ether (4:1)	3
063148-62-9	Silicones and siloxanes, dimethyl	4B
063148-69-6	Alkyd resins (alcohols, polyhydric, polyesters)	3
063231-60-7	Paraffin waxes and hydrocarbon waxes, microcryst	3
063231-67-4	Silica gel	4A
063415-74-7	Poly[oxy(methyl-1,2-ethanediyl)], alpha-butyl- omega -(2-propenyloxy)-	3
063449-39-8	Chlorinated wax	3

CAS No.	Formulant Names	List No.
063704-79-0	Nekal BA-77	3
064051-22-5	Ethanol, 2-butoxy-, hydrogen phosphate, compound with N-ethylethanamine (1:1)	3
064051-23-6	Ethanol, 2-butoxy-, dihydrogen phosphate, compound with N-ethylethanamine (1:2)	3
064147-40-6	Dehydrated castor oil	3
064365-06-6	Isoparaffinic petroleum hydrocarbon	2
064365-17-9	Resin acids and rosin acids, hydrogenated, esters with pentaerythritol	3
064365-23-7	Siloxanes and Silicones, di-Me, hydroxy-terminated, ethoxylated propoxylated	3
064366-70-7	Oxirane, methyl-, polymer with oxirane, mono(2-ethylhexyl) ether	3
064741-44-2	Gas oil, blend	2
064741-65-7	Naphtha (petroleum), heavy alkylate	2
064741-66-8	Naphtha (petroleum), light alkylate	2
064741-73-7	Distillates (petroleum), alkylate	2
064741-88-4	Mineral oil, petroleum distillates, solvent-refined (mild) heavy paraffinic	2
064741-89-5	Mineral oil, petroleum distillates, solvent-refined (mild) light paraffinic	2
064741-96-4	Mineral oil, petroleum distillates, solvent-refined (mild) heavy naphthenic	2
064742-06-9	Extracts (petroleum), middle distillate solvent	2
064742-14-9	Distillates (petroleum), acid treated light	2
064742-16-1	Petroleum resins	3
064742-43-4	Paraffin waxes, clay treated	3
064742-46-7	Distillates (petroleum), hydrotreated middle	2
064742-47-8	Distillates (petroleum), hydrotreated light	2
064742-48-9	Naphtha	2
064742-52-5	Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	2
064742-53-6	Mineral oil, petroleum distillates, hydrotreated (mild) light naphthenic	2
064742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic	2
064742-55-8	Distillates (petroleum), hydrotreated light paraffinic	2
064742-56-9	Distillates (petroleum), solvent dewaxed light paraffinic distillate	2
064742-57-0	Residual oils (petroleum), hydrotreated	2
064742-58-1	Lubricating oils (petroleum), hydrotreated spent	2
064742-61-6	Slack wax	3
064742-62-7	Residual oils (petroleum), solvent-dewaxed	2
064742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic	2
064742-82-1	Naphtha (petroleum), hydrodesulfurized heavy	2
064742-88-7	Solvent naphtha (petroleum), medium aliphatic	2
064742-89-8	Solvent naphtha (petroleum), light aliphatic	2
064742-94-5	Solvent naphtha (petroleum), heavy aromatic	2
064742-95-6	Solvent naphtha (petroleum), light aromatic	2
064742-96-7	Solvent naphtha (petroleum), heavy aliphatic	2
064742-98-9	Distillates (petroleum), oxidized light	2

CAS No.	Formulant Names	List No.
064755-05-1	Quaternary ammonium compounds, bis(hydroxyethyl)methyltallow alkyl, ethoxylated, chlorides	3
064771-72-8	Paraffins (petroleum), normal C5-20	2
065087-00-5	1,3-Benzenediol, 2,4-bis[(4-dodecylphenyl)azo]-	3
065143-89-7	Hexadecyl phenoxybenzenedisulfonic acid, disodium salt	3
065381-09-1	decanoic acid, ester with 1,2,3-propanetriol octanoate	3
065497-29-2	Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride	3
065530-85-0	alpha-(Cyclohexylmethyl)-omega-hydro-poly(difluoromethylene)	3
065997-05-9	Rosin, partially dimerized	3
065997-13-9	Resin acids and rosin acids, hydrogenated, esters with glycerol	3
065997-17-3	Fibrous glass	3
066070-71-1	Fatty acids, tall-oil, polymers with glycerol and phthalic anhydride	3
066197-78-2	Nonylphenol ether with (C2H4O)9 phosphate	3
066455-14-9	Alcohols, C12-13, ethoxylated	3
067479-27-0	Aloe gum	3
067584-51-4	Glycine, N-ethyl-N-[(nonafluorobutyl)sulfonyl]-, potassium salt	3
067584-52-5	Glycine, N-ethyl-N-[(undecafluoropentyl)sulfonyl]-, potassium salt	3
067584-53-6	Glycine, N-ethyl-N-[(tridecafluorohexyl)sulfonyl]-, potassium salt	3
067584-62-7	Glycine, N-ethyl-N-[(pentadecafluoroheptyl)sulfonyl]-, potassium salt	3
067674-67-3	Poly(oxy-1,2-ethanediyl),.alpha.-3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]proply]-omega-hydroxy-	4B
067701-08-0	Fatty acids, C16-18 and C18-unsaturated	4B
067701-27-3	Glycerides, C14-18	3
067701-33-1	Glycerides, C14-18, mono- and di-	3
067746-08-1	Linseed oil, polymerized	4B
067762-19-0	Poly(oxy-1,2-ethanediyl), alpha-sulfo- omega -hydroxy-, C10-16-alkyl ethers, ammonium salts	3
067762-27-0	Alcohols, C16-18	3
067762-38-3	Fatty acids, C16-18 & C-18-unsaturated, Me esters	4B
067762-41-8	Alcohols, C10-16	3
067762-85-0	Siloxanes and Silicones, di-Me, 3-hydroxypropyl Me, ethers with polyethylene-polypropylene glycol mono-Me ether	3
067762-90-7	Dimethyl silicone polymer with silica	4B
067774-74-7	Benzene, C10-13-alkyl derivs.	3
067784-80-9	Soybean oil, Me ester*	3
068002-94-8	Alcohols, C16-18 and C18-unsaturated	3
068002-96-0	Alcohols, C16-18, ethoxylated propoxylated	3
068002-97-1	Alcohols, C10-16, ethoxylated	3
068015-39-4	Fatty acids, tall-oil, polymers with glycerol, phthalic anhydride and rosin	3

CAS No.	Formulant Names	List No.
068037-64-9	Siloxanes and silicones, di-Me, Me hydrogen reaction products with polyethylene-polypropylene glycol monoacteate allyl ether	3
068038-22-2	Fatty acids, tall-oil, polymers with bisphenyl A, epichlorohydrin and rosin	3
068038-31-3	Fatty acids, tall-oil, polymers with pentaerythritol, phthalic anhydride and rosin	4B
068081-81-2	Benzenesulfonic acid, C10-16-alkyl derivatives, sodium salts	3
068084-55-9	Dodecylbenzenesulfonic acid, N-(2-aminoethyl)ethanolamine salt	3
068092-46-6	Benzoic acid, 3-methyl-, zinc salt	3
068092-47-7	Benzoic acid, 3-methyl-, barium salt	3
068122-86-1	Alkyl imidazolinium methyl sulfates (derived from tallow acids)	3
068131-12-4	Meat meal	4A
068131-39-5	Alcohols, C12-15, ethoxylated	3
068131-40-8	Alcohols, C11-15-secondary, ethoxylated	4B
068131-72-6	Polyphosphoric acids, esters with triethanolamine, sodium salts	3
068131-77-1	Distillates (petroleum), steam-cracked, polymerized	3
068132-50-3	Fatty acids, tall-oil, ammonium salts	3
068139-80-0	Fatty acids, tall-oil, polymers with C18-unsaturated fatty acid dimers and ethylenediamine	3
068140-00-1	Amides, coco, N-(hydroxyethyl)-	3
068152-81-8	Soybean oil, polymerized, oxidized*	3
068153-76-4	Glycerides, C14-18 mono- and di-, ethoxylated	3
068154-97-2	Alcohols, C10-C12, ethoxylated propoxylated	3
068155-20-4	Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	3
068155-39-5	Amines, C14-18 and C16-18-unsaturated alkyl, ethoxylated	3
068187-76-8	Castor oil, sulfated, sodium salt	4B
068201-49-0	Lanolin wax	3
068201-51-4	Oils, menhaden, oxidized	4B
068213-53-6	Linseed oil, polymer with dicyclopentadiene	3
068227-33-8	6-Dodecyne-5,8-diol, 2,5,8,11-tetramethyl-	3
068308-53-2	Soya fatty acids*	3
068308-54-3	Glycerides, tallow mono-, di- and tri-, hydrogenated	3
068308-74-7	N,N-Dimethyl tall-oil fatty amides	3
068309-52-4	Linseed oil, polymer with maleic anhydride and tung oil	3
068310-04-3	1,3-Benzenediol, 4-[(2,4-dimethylphenyl)azo]-2-[(4-dodecylphenyl)azo]-	3
068310-58-7	Poly(oxy-1,2-ethanediyl), alpha-[bis(phenylmethyl)phenyl]- omega -hydroxy-	3
068334-00-9	Hydrogenated cottonseed oil	4A
068334-28-1	Vegetable oil (hydrogenated)	4A
068334-30-5	Fuels, diesel	2
068389-39-9	Phosphoric acid, isooctyl ester, potassium salt	3
068391-11-7	Paraldehyde and ammonia reaction product	3
068409-79-0	Fatty acids, C8-10-branched, lead salts, basic	3

CAS No.	Formulant Names	List No.
068410-18-4	Fatty acids, C18-unsatd., dimers, compds. with tall-oil fatty acids and N-tallow alkyltrimethylenediamines	3
068411-31-4	Benzenesulfonic acid, C10-13-alkyl derivatives, compounds triethanolamine salt	3
068411-32-5	Benzenesulfonic acid, dodecyl-, branched	3
068412-53-3	Polyethylene glycol branched-nonylphenyl ether phosphate	3
068412-54-4	Polyoxyethylene branched-C9-alkylphenol	3
068412-54-5	Ethoxylated nonylphenol, branched	3
068412-68-0	Phosphonic acid, perfluoro-C6-12-alkyl derivatives	3
068412-69-1	Phosphinic acid, bis(perfluoro-C6-12-alkyl) derivatives	3
068425-47-8	Amides, soya, N,N-bis(hydroxyethyl)*	3
068425-94-5	Residues (petroleum), catalytic reformer fractionator, sulfonated, polymers with formaldehyde, sodium salts	3
068427-35-0	5-Benzoxazolesulfonamide, 2-[7-(diethylamino)-2-oxo-2H-1-benzopyran-3-yl]-	3
068439-30-5	Oxirane, methyl-, polymer with oxirane, 8-methylnonyl ether	3
068439-46-3	Alcohols, C9-11, ethoxylated	3
068439-49-6	Alcohols, C16-18, ethoxylated	3
068439-50-8	Fatty alcohol, ethoxylated	3
068439-50-9	Alcohols, C12-14, ethoxylated	3
068439-57-6	Alkenes, C14-16 alpha-, sulfonated, sodium salts	3
068439-72-5	Amines, C8-18 and C18-unsaturated alkyl, ethoxylated	3
068440-66-4	Siloxanes and Silicones, di-Me, 3-hydroxypropyl Me, ethers with polypropylene glycol mono-Bu ether	3
068441-17-8	Oxidized polyethylene	4B
068442-09-1	Naphthalenesulfonic acid, sodium salt, isopropylated	3
068443-66-3	Ethanol, 2,2'-iminobis-, polymer with alpha-(nonylphenyl)- omega -hydroxypoly(oxy-1,2-ethanediyl) phosphate	3
068459-87-0	Oxirane, methyl-, polymer with alpha-butyl-omega-hydroxypoly(oxy-1,2-ethanediyl) and oxirane	3
068476-03-9	Fatty acids, montana-wax	3
068476-25-5	Feldspar group minerals (no asbestos and less than 1% crystalline silica)	4A
068476-30-2	Fuel oil, No. 2	2
068476-31-3	Fuel oil, No. 4	2
068476-77-7	Lubricating oils, refined use	2
068477-31-6	Distillates (petroleum), cat. reformer fractionator residue, low boiling	2
068479-09-4	2-Propenoic acid, telomer with sodium hydrogen sulfite, sodium salt*	3
068512-02-7	Benzene, (tetrapropenyl) derivatives	2
068512-34-5	Lignosulfonic acid, sodium salt, sulfomethylated	3
068512-35-6	Lignin, alkali, reaction products with formaldehyde and sodium bisulfite*	3
068515-44-6	1,2-Benzenedicarboxylic acid, diheptyl ester, branched and linear	3

CAS No.	Formulant Names	List No.
068515-45-7	1,2-Benzenedicarboxylic acid, dinonyl ester, branched and linear	3
068515-49-1	Phthalic acid, di-C9-11-branched alkyl esters, C10-rich	3
068515-65-1	Disodium cocoamidoisopropyl sulfosuccinate	3
068515-73-1	D-Glucopyranose, oligomeric, decyl octyl glycosides	3
068526-85-2	Alcohols, C9-11-iso-, C10-rich	3
068526-86-3	Alcohols, C11-14-iso-, C13-rich	3
068527-23-1	Naphtha (petroleum), light steam-cracked aromatic	2
068551-12-2	Alcohols, C12-16, ethoxylated	3
068551-13-3	Alcohols, C12-15, ethoxylated propoxylated	4B
068551-17-7	Alkanes, C10-13-iso-	3
068553-11-7	Glycerides, tallow mono- and di-, hydrogenated, ethoxylated	3
068553-81-1	Rice bran oil	4A
068554-12-1	Resin acids and Rosin acids, hydrogenated, calcium salts	3
068554-90-5	Soybean oil, polymer with p-tert-butylbenzoic acid, pentaerythritol, phthalic anhydride and trimethylolpropane*	3
068583-51-7	Decanoic acid, mixed diesters with octanoic acid and propylene glycol	4B
068584-22-5	Benzenesulfonic acid, C10-16-alkyl derivatives	3
068585-34-2	Alcohols, (C10-16), ethoxylated, monoether with sulfuric acid, sodium salts	3
068585-47-7	Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	3
068603-42-9	Amides, coco, N,N-bis(2-hydroxyethyl)	3
068605-57-2	Fatty acids, tall-oil, polymers with bisphenol A, epichlorohydrin, rosin and tung oil	4B
068608-26-4	Petroleum sulfonic acids, sodium salts	3
068609-68-7	1-Hexanol, 2-ethyl-, manuf. of by-products from, distn. residues	3
068611-14-3	Lignosulfonic acid, ethoxylated, sodium salts	3
068611-44-9	Silane, dichlorodimethyl-, reaction products with silica	4B
068630-96-6	Sodium isostearoamphopropionate	3
068647-72-3	Terpenes, orange oil	3
068647-73-4	Tea tree oil	3
068648-12-4	Polyoxypropylene ditall-oil ester	3
068648-27-1	Lanolin, hydrogenated, ethoxylated	3
068648-44-2	Pyrethrum marc	3
068648-50-0	Resin acids and Rosin acids, dimers, calcium salts	3
068649-00-3	Benzenesulfonic acid, mono-C9-17-branched alkyl derivatives, isopropylamine salts	3
068649-29-6	Polyoxyethylene-polyoxypropylene mono-C10-16-alkyl ethers, phosphates	3
068649-55-8	Polyethylene glycol branched-nonylphenyl ether sulfate ammonium salt	3
068650-39-5	Imidazolium compounds, 1-[2-(carboxymethoxy)ethyl]-1-(carboxymethyl)-4,5-dihydro-2-norcoco alkyl, hydroxides, disodium salts	3
068784-70-3	Propanenitrile, 3-amino-, N-tallow alkyl derivatives	3
068814-69-7	amines, dimethyltallow alkyl	3

CAS No.	Formulant Names	List No.
068855-24-3	Benzene, C14-30-alkyl derivatives	3
068855-54-9	Diatomite	3
068876-77-7	Yeast	4A
068890-80-2	Benzene, ethenyl-, polymer with 2,5-furandione, 2-butoxyethyl ester, ammonium salt	4B
068891-11-2	Oxirane, methyl-, polymer with oxirane, mono(nonylphenyl) ether, branched	3
068891-21-4	Poly(oxy-1,2-ethanediyl),.alpha.-(dinonyphenyl)-.omega.-hydroxy-branched	3
068891-33-8	Poly(oxy-1,2-ethanediyl), alpha-sulfo- omega -(nonylphenoxy)-, branched	3
068891-38-3	Alcohols, (C12-14), ethoxylated, monoethers with branched sulfuric acid, sodium salts	3
068891-39-4	Poly(oxy-1,2-ethanediyl), alpha-sulfo- omega - (nonylphenoxy)-, branched, sodium salt	3
068909-20-6	Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica	4B
068909-82-0	Naphthalenesulfonic acid, bis(1-methylethyl)-, Me derivatives, sodium salts	3
068911-38-6	Fatty acids, tall-oil, dimers, polymers with azelaic acid, ethylenediamine, piperazine and polypropylene glycol diamine	3
068911-87-5	Bis(hydrogenated tallow alkyl)dimethyl ammonium salts with montmorillonite	3
068915-31-1	Polyphosphoric acids, sodium salts	3
068920-06-9	Xylene range aromatic solvent	2
068920-66-1	Alcohols, C16-18 and C18-unsaturated, ethoxylated	4B
068921-07-3	Distillates (petroleum), hydrotreated light catalytic cracked	3
068937-41-7	Phenol, isopropylated, phosphate (3:1)	3
068937-54-2	Siloxanes and Silicones, di-Me, 3-hydroxypropyl Me, ethoxylated	3
068937-55-3	Siloxanes and silicones, di-Me, 3-hydroxypropyl Me, ethoxylated propoxylated	4B
068937-76-8	Fatty acids, C16-20	3
068937-99-5	Sunflower seeds	4A
068952-35-2	Polyphosphoric acids, sodium salts	3
068952-95-4	Soaps, stocks, vegetable-oil, acidulated	3
068953-01-5	Fatty acids, tall-oil, esters with ethoxylated sorbitol	3
068953-58-2	Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	3
068953-96-8	Benzenesulfonic acid, mono-C11-13-branched alkyl derivatives, calcium salts	4B
068954-91-6	Poly(oxy-1,2-ethanediyl), alpha-(3-carboxy-1-oxosulfopropyl)- omega -hydroxy-, C10-12-alkyl ethers, disodium salts	3
068955-19-1	Sodium C12-18 alkyl sulfate	3
068955-83-9	Fatty acids, C9-13-neo-, cobalt salts	3
068956-56-9	Hydrocarbons, terpene processing by-products	3
068956-68-3	Vegetable oil	3
068987-49-5	1,3-Benzenedicarboxylic acid, polymer with 5-amino-1,3,3,-trimethylcyclohexanemethanamine and 2,2-bis(hydroxymethyl)-1,3-propanediol, cyclohexylamine-modified, stearate	3
068987-90-6	Poly(oxy-1,2-ethanediyl), alpha-(octylphenyl)- omega -hydroxy-, branched	3

CAS No.	Formulant Names	List No.
068988-28-3	Calcium, 2-ethylhexanoate naphthenate complexes	3
068990-20-5	Aldehydes, C2-4, condensation products with acetone, dehydrated, hydrogenated, distillation residues	3
068990-53-4	Glycerides, C14-22-linear, mono-	3
068990-83-0	Cedarwood oil	3
069011-36-5	Polyoxyethylene trimethyldecyl alcohol	3
069011-84-3	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-(octylphenoxy)-, branched, sodium salt	3
069029-39-6	Polyoxyethylene polypropylene mono(di-sec-butylphenyl) ether	3
069227-21-0	Alcohols, C12-C18, ethoxylated propoxylated	4B
069331-39-1	1-Hexadecanol, phosphate, compd. with 2,2'-iminobis[ethanol] (1:1)	3
069430-24-6	Cyclosiloxanes, di-Me	3
070131-67-8	Siloxanes and silicones, di-Me, hydroxy-terminated	3
070191-76-3	Benzenesulfonic acid, oxybis(hexadecyl-, disodium salt	3
070247-83-5	1,3-Butadiene, 2-methyl-, homopolymer, of cis-1,4-configuration, cyclized, phenol-modified	3
070321-63-0	Oils, lanolin	3
070528-83-5	Benzenesulfonic acid, dodecyl-, branched, calcium salts	3
070657-70-4	2-Methoxy-1-propyl acetate	3
070693-06-0	Aromatic hydrocarbons, C9-C11	3
070851-21-7	Siloxanes and Silicones, di-Me, (C3-33-alkyloxy)-terminated	3
070879-83-3	Alcohols, C6-10, ethoxylated	3
070880-56-7	Oxirane, methyl-, polymer with oxirane, mono[2,4,6-tris(1-phenylethyl)phenyl] ether	3
070892-59-0	Montmorillonite ((Al1.33-1.67Mg0.33-0.67)(Ca0-1Na0-1)0.33Si4(OH)2O10.xH2O), calcined	3
070892-90-9	2-Propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate, methyl 2-methyl-2-propenoate and 2-(3-oxazolidinyl) ethyl 2-methyl-2-propenoate	3
071011-24-0	Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, salts with bentonite	3
071011-26-2	Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, chlorides, compounds with hectorite	3
071011-27-3	Quarternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, chlorides, compounds with hectorite	3
071216-01-8	Urea, N,N"-1,5-naphthalenediylbis[N'-[3-[(2-ethylhexyl)oxy]propyl]-	3
071889-01-5	Silane, chlorotrimethyl-, hydrolysis products with silica	3
072102-84-2	2,4,6(1H,3H,5H)-Pyrimidinetrione, 5-[(2,3-dihydro-6-methyl-2-oxo-1H-benzimidazol-5-yl)azo]-	3
072623-83-7	Lubricating oils (petroleum), C>25, hydrotreated bright stock-based	3
072623-86-0	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	2
072854-21-8	Zirconium napththenate	3
073038-25-2	Poly(oxy-1,2-ethanediyl), alpha-isotridecyl-omega-hydroxy-, phosphate	4B
073398-61-5	Glycerides, mixed decanyol and octanyol	3

CAS No.	Formulant Names	List No.
073398-89-7	Basic Violet 11:1	3
073570-52-2	Phenoxazin-5-ium, 3,7-bis(diethylamino)-, nitrate	3
073665-22-2	Poly(oxy-1,2,ethanediyl), alpha-sulfo- omega - hydroxy-, C6-10-alkyl ethers, sodium salts	3
073718-60-2	2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(4-methyl-3-sulfophenyl)azo]-, calcium salt	3
074499-36-8	9,10-Anthracenedione, 1,4-diamino-, N,N'-mixed 2-ethylhexyl and Me and pentyl derivatives	3
074811-65-7	Croscarmellose sodium	4B
075247-18-6	Copper,[N,N,N',N',N'',N''-hexaethyl-29H,31H-phthalocyanine-C,C,C-trimethanaminato(2-)-N29,N30, N31,N32]-,tris(dodecylbenzenesulfonate)	3
075673-43-7	3,4,4-Trimethyloxazolidine	3
078226-09-8	Propanesulfonic acid, 2-hydroxy-3-(2-propenyloxy)-1-, monosodium salt, polymer with 2-propenoic acid	4B
078266-09-8	1-Propanesulfonic acid, 2-hydroxy-3-(2-propenyloxy)-monosodium salt, polymer with 2-propenoic acid	4B
078330-20-8	Alcohols, C9-11-iso-, C10-rich, ethoxylated	3
078330-21-9	Alcohols, C11-14-iso-, C13-rich, ethoxylated	3
078330-21-9	Alcohols, C11-14-iso-, C13-rich, ethoxylated	3
078330-24-2	Poly(oxy-1,2-ethanediyl),.alpha.-hydro-.omega.-hydroxy-, mono-C11-14-isoalkyl ethers, C13-rich, phosphates	4B
078491-02-8	Diazolidinyl urea	3
080206-82-2	Alcohols, C12-C14	3
084133-50-6	Alcohols, C12-14-secondary, ethoxylated	3
084649-84-3	Dimethyl C12-14 amine	3
084775-78-0	Ascophyllum nodosum, extract	4B
084852-15-3	4-Nonylphenol, branched	3
084989-14-0	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives, calcium salts	3
085117-50-6	Benzenesulfonic acid, mono-C10-14-alkyl derivs., sodium salts	3
085117-50-6	Benzenesulfonic acid, mono-C10-14-alkyl derivs., sodium salts	3
085507-79-5	1,2-Benzenedicarboxylic acid, diundecyl ester, branched and linear	3
085586-25-0	Fatty acids, rape-oil, Me esters	4B
085711-55-3	Fatty acid, tall-oil, compounds with oleylamine	3
088526-46-9	Fatty acids, tall-oil, polymers with Et acrylate, 2-hydroxyethyl methacrylate, isophthalic acid, Me methacrylate, methacrylic acid, trimellitic acid and trimethylolpropane	3
090045-36-6	Ginkgo biloba L., root extract	3
090093-37-1	Polyarylphenol phosphate	3
090194-26-6	Benzenesulfonic acid, 4-C10-14-alkyl derivatives, calcium salts	3
090194-36-8	Benzenesulfonic acid, mono-C10-13-alkyl derivs., calcium salts	3
090194-45-9	Benzenesulfonic acid, mono-C10-13-alkyl derivs., sodium salts	4B

CAS No.	Formulant Names	List No.
090459-08-8	Naphthalenesulfonic acid, tripropylene-, methylated, sodium salts	3
091053-39-3	Calcined diatomaceous earth	2
092113-31-0	Hydrolyzed collagen	3
093385-03-6	11-Methyl-3,6,9,12-tetraoxaoctacosan-1-ol acetate	3
093763-70-3	Perlite, expanded	4A
097675-81-5	Fish meal*	4B
097765-70-3	Cheese	4B
098730-04-2	2H-1,4-Benzoxazine, 4-(dichloroacetyl)-3,4-dihydro-3-methyl-	3
099607-70-2	Acetic acid, [(5-chloro-8-quindinyl)oxy]-, 1-methylhexyl ester (9Cl)	4B
099734-09-5	Polyethylene glycol mono(tristyrylphenyl) ether	4B
102980-04-1	Phenolsulfonic acid-phenol-formaldehyde-urea condensate, sodium salt	3
103112-35-2	Fenchlorazole	3
104133-09-7	Tetraethoxysilane, polymer with hexamethyldisiloxane	3
104376-75-2	Poly(oxy-1,2-ethanediyl), .alpha.-phenyl-.omega.-hydroxy-, styrenated	3
105362-40-1	Triethanolamine, compound with poly(oxyethylene) tristyrylphenyl ether phosphate	4B
105859-97-0	Lignin, alkali, reaction products with disodium sulfite and formaldehyde*	3
106842-44-8	Siloxanes and silicones, 3-((2-aminoethyl)-amino)-2-methylpropyl Me, di-Me	3
108419-34-7	Acetic acid, C9-C11-branched alkyl esters, C10-rich	4B
111163-74-7	Distillates (petroleum), catalytic reformer fractionator residue, low-boiling, sulfonated, sodium salts	2
111330-30-4	Naphthalenesulfonic acid, (1-methylpropyl)-, sodium salt	3
111381-89-6	1,2-Benzenedicarboxylic acid, heptyl nonyl ester, branched and linear	3
111381-90-9	1,2-Benzenedicarboxylic acid heptyl undecyl ester, branched and linear	3
111381-91-0	1,2-Benzenedicarboxylic acid, nonyl undecyl ester, branched and linear	3
112567-52-9	Naphthalenesulfonic acid, bis(1-methylpropyl)-, sodium salt	3
112926-00-8	Silica gel, pptd., cryst.-free	4A
112945-52-5	Silica, amorphous, fumed, cryst.-free	4A
117875-77-1	Sulfuric acid, mono-C10-16-alkyl esters, compounds with triethanolamine	3
119345-04-9	Benzene, 1,1'-oxybis-, tetrapropylene derivatives, sulfonated, sodium salts	3
119724-54-8	Methyl methacrylate-methacrylic acid-monomethoxypolyethylene glycol methacrylate copolymer	3
120962-03-0	Canola oil	4A
121250-47-3	Octadecadienoic acid	3
121888-67-3	Quarternary ammonium compounds, benzylbis(hydrogenated tallow alkyl)methyl, bis(hydrogenated tallow)	3
125304-04-3	Phenol, 2-(2H-benzotriazol-2-yl)-6-dodecyl-4-methyl, branched and linear	3
127036-24-2	Poly(oxy-1,2-ethanediyl),.alpha.-undecyl-.omega.-hydroxy-, branched and linear	4B
127087-87-0	Polyethylene glycol, mono(p-nonylphenol) ether, branched	3
131324-06-6	Poly-TFE, alpha-chloro-omega-(1-chloro-1-fluoroethyl)-	3
134134-87-5	Oat protein	4A

CAS No.	Formulant Names	List No.
134180-76-0	Oxirane, methyl-, polymer with oxirane, mono[3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propyl] ether	4B
135590-91-9	Diethyl-1-(2,4-dichlorophenyl)-5-methyl-2-pyrazolin-3,5-dicarboxylate	4B
139626-73-6	Linseed oil, polymer with maleic anhydride and tung oil, ammonium salt	3
141959-43-5	Naphthalenesulfonic acid, methyl-, reaction products with formaldehyde, sodium salts	3
147900-93-4	Fatty acids, C18-unsaturated, trimers, compounds with oleylamine	3
150678-63-0	Poly(oxy-1,2-ethanediyl), .alpha.-(carboxymethyl)-.omega.-(4-nonylphenoxy)-, branched	3
152143-22-1	Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched, phosphates	3
163436-84-8	Polyoxyethylene tristyrylphenol phosphate, potassium salt	4B
163440-89-9	Poly-TFE, alpha-hydro-omega-(2,2-dichloro-2-fluoroethyl)-	3
170424-64-3	Siloxanes and silicones, hydroxy Me, Me octyl, Me(.gamma.-.omega.-perfluoro C8-14-alkyl)-oxy, ethers with polyethylene glycol monomethyl ether	3
222716-38-3	Fatty acids, tall-oil, esters with polyethylene glycol mono-(hydrogen maleate), compds. with amides from diethylenetriamine and tall-oil fatty acids	3
311810-35-2	Dodecylbenzene sulfonic acid, aminoethylethanolamine salt	3
395075-23-7	Fatty acids, tall-oil, polymers with bisphenol A, epichlorohydrin, ethylene-manuf.-by-product dicyclopentadiene-conc. alkenes, ethylene-manuf.-by-product piperylene-cut alkenes and maleic anhydride. compds. with diethanolamine	3
	10% CALCIUM CEM-ALL	3
	12% COBALT CEM-ALL	3
	A-52 BIP	3
	A-55T PROPELLANT	3
	ABIL B-8851	3
	ACUSOL 810A	3
	AGNIQUE ME 181-U	3
	AGNIQUE ME 2212	3
	AGSORB 12/24 RVM-GA	3
	AL 2575W	3
	Alfalfa, ground	4A
	ALIZARINE FAST BLUE RB	3
	ALPEX CK 450	3
	ALUMINUM OXIDE C	3
	Animal fats, 100% purity	4A
	ANTIFOAM SE-39	3
	Apple	4A
	Apple juice flavouring	4A
	ARCONOMY POWDER	3
	ARTIFICIAL BUTTER FLAVOR #46519	3
	ARTIFICIAL RICE FLAVOR #46523	3

CAS No.	Formulant Names	List No.
	ASTRAZON BLUE BG 200	3
	ATPLUS S-10	3
	ATTACLAY	3
	ATTACOTE	3
	ATTAFLOW FL	3
	AURASPERSE W-7114S BLACK OXIDE	3
	Barley	4A
	BAYSILONE E	3
	BCP 62	3
	BIOSOFT S-100	3
	BOLAR 1046	3
	BORRESPERSE 3A	3
	BORRESPERSE NA 235	3
	BP OIL ENERPAR 014	3
	Bran	4A
	Bread crumbs	4A
	BREAK-THRU AF 9903	3
	BYR 301	3
	CALCHEM C-102	3
	CALSOFT LAS-99	3
	CAM-5	3
	Canary seeds	4A
	CAPRYLIC/CAPRIC TRIGLYCERIDE	3
	CARTAZINE BLUE 2BE	3
	Cassia gum	3
	CELVOL 540S	3
	CHEMPOL 815-0224	3
	Chicken broth	4A
	CHITOSANIDE 222	3
	CIRRASOL G-1096	3
	CITRIC ACID HYDROUS	3
	CLEARATE WD	3
	Coconut shell powder/flour	4A
	Collodial oatmeal protein	4A
	COLLOID IV	3
	COMPOUND MS-2	3
	CONOCO LPA	3
	Copolymer of acrylates, styrene and acrylic nitrile	3
	Corn (in one of various forms such as cobs, meal, flour)	4A

CAS No.	Formulant Names	List No.
	CREMOPHOR RH-60	3
	DECCO APL LUSTR 229	3
	DENATURED ALCOHOL 3C	3
	DETHOX AMINE C-5	3
	Di(cocoalkyl)methyl amine hydrochlorides	3
	DISTILLERS DRY GRAIN WITH SOLUBLES	3
	DM DM HYDANTOIN	3
	Douglas fir bark	4A
	EMERY 5375 SELLOGEN DFL	3
	EMULGEN 910	3
	ESCALOL 557	3
	ESTRANOL H NA	3
	Fatty acids, sunflower oil, conjugated, mx. products with triethanolamine	3
	Flavour, bacon	4A
	Flavour, fish*	4B
	FLO MO E2	3
	FOAM BAN MS-550	3
	FOAMTROL WP-55	3
	Food starch, modified	4B
	FP 172F ISOPARAFFINIC HYDROCARBON	2
	Fragrance (components must be reported to PMRA prior to acceptance of use in pesticide product)	3
	GIBBERELLIC ACID A4 A7	3
	Grain	4A
	Gum powder	4B
	HELIOGEN BLUE 6975F	3
	HI-ARON TYPE M-1	3
	HI-LITE SUPER BLUE 9630Z	3
	HI-LITE SUPER GREEN 9830Z	3
	HI-LITE SUPER RED 9430Z	3
	HI-LITE VIOLET 9520C	3
	HYDROCARBON PROPELLANT 40-46 PSI	3
	Hydrolyzed animal protein	4A
	hydroxybutyric acid	3
	I.T. 325	3
	IGEPON T-22A	3
	IGEPON TK-32	3
	IVORY SNOW	3
	JET FIL 350	3
	KETJENFLEX 8	3

CAS No.	Formulant Names	List No.
	KEYACID TARTRAZINE YELLOW	3
	KIESELGEL BA 143	3
	KIESELSAUREN FK320DS	3
	Knox unflavoured gelatin	4A
	LANODANT DM	3
	LITHOL RUBINE K4566	3
	LOROL C8-98	3
	LUAKTIN (CONC.)	3
	LURANTINE SUPRA TURP BLUE FBL	3
	LUTENSOL AP 8	3
	Middlings (wheat)*	4A
	Milk (raw and processed forms)*	4B
	Millet seed	4A
	Milo (sorghum) seed/grain	4A
	Mint apple jelly	4A
	Mixed fatty acids	4A
	MIXTURE OF DILUTED NUTRIENT SOLUTION, PHOSPHATE BUFFER AND WATER	3
	MR-455	3
	MV-23LO EMULSION (ACRYLIC POLYMER)	3
	NATRASOL PLUS	3
	NEKAL WS-25	3
	NUTRAPON TD 3792	3
	NUXTRA CALCIUM, 10%	3
	Oleo	4A
	Onions (yellow, peeled, and crushed)	4A
	ORZAN	3
	Peanut butter*	4B
	Peat moss	4A
	PECAN BUTTER ART #6	3
	Phenol, 2,4,6-tris(1-methyl-1-phenylethyl)-	3
	Phenol, 4-(1,1,3,3-tetramethylbutyl)-2-(1-methyl-1-phenylethyl)-	3
	Polyester non woven fabric	3
	Potato starch/flour	4B
	Poultry liver	4A
	PROXEL BD 20	3
	PVC 106 PM	3
	PVP K-20	3
	RATTAN POWDER	3
	RESYN 5733	3

CAS No.	Formulant Names	List No.
	RHODASURF 860P	3
	RHODORSIL	3
	Rice (or rice meal)	4A
	SGP-150	3
	SHELLBLAST AGGREGATE AD6M	3
	Shortening	4A
	Silkworm pupae	4B
	SIPERNAT 350	3
	SOAPANOX	3
	Sodium isopropyl-isohexyl-naphthalene sulfonate	3
	SODIUM SALT OF A COPOLYMER OF METHACRYLIC ACID	3
	SOFFORM DPNA (NYLON/POLYETHYLENE SHEET)	3
	SOPROPHOR S40	3
	Sorghum grits, refined grade1-876	4A
	Soybeans*	4B
	SPONTO H714N	3
	SUPER CLOTH (WOVEN JUTE/COTTON MATERIAL)	3
	SUPER TREAT PIG CRAVE	3
	SURFYNOL 131	3
	TALCRON MP 50-26	3
	TAMOL 731 DP DISPERSANT	3
	TARTAC 10B	3
	TECH-O 11-O8O	3
	TETRONIC 1107	3
	T-MULZ 339	3
	TOLUIDINE RED TONER MEDIUM LIGHT 1071	3
	TOXIMUL 3429	3
	TOXIMUL MP	3
	TRITON X-300	3
	TROYKYD ANTI-SKIN B	3
	TT935 RHEOLOGY MOD. (ACRYLIC POLYMER)	3
	ULTRALEC P	3
	VIOLOETT-ETIKETTER	3
	WACKER SILICONE SE 24	3
	Walnut shells (including grit but not including flour)*	4A
	Wheat (in various forms)*	4B
	Wood bark (flour/powder)	4A

* Allergen subject to disclosure labelling as described in Regulatory Directive DIR2004-01, *Formulants Program*, or subsequent versions.

Appendix II PMRA Consolidated List of Formulants Sorted by List Number

CAS No.	Formulant Names	List No.
000068-12-2	Dimethyl formamide	1
000078-59-1	Isophorone	1
000081-88-9	Rhodamine B	1
000103-23-1	Adipic acid, bis(2-ethylhexyl) ester	1
000117-84-0	Dioctyl phthalate	1
000123-31-9	Hydroquinone	1
008001-58-9	Coal tar creosote	1
000075-37-6	1,1-Difluoroethane	2
000075-52-5	Nitromethane	2
000080-62-6	Methyl methacrylate	2
000084-66-2	Diethyl phthalate	2
000085-68-7	Butyl benzyl phthalate	2
000086-73-7	Fluorene	2
000095-14-7	1,2,3-Benzotriazole	2
000096-29-7	Methyl ethyl ketoxime	2
000097-88-1	Butyl methacrylate	2
000100-41-4	Ethylbenzene	2
000100-44-7	alpha-Chlorotoluene	2
000102-06-7	1,3-Diphenylguanidine	2
000102-71-6	Triethanolamine	2
000105-99-7	Adipic acid, dibutyl ester	2
000106-88-7	1,2-Butylene oxide	2
000107-05-1	Propene, 3-chloro-	2
000107-21-1	1,2-Ethanediol	2
000107-98-2	2-Methoxy-1-methylethanol	2
000108-10-1	Methyl isobutyl ketone	2
000108-88-3	Toluene	2
000108-94-1	Cyclohexanone	2
000110-82-7	Cyclohexane	2
000111-42-2	Diethanolamine	2
000111-76-2	Ethanol, 2-butoxy	2
000111-77-3	Diethylene glycol monomethyl ether	2
000111-90-0	Diethylene glycol monoethyl ether	2
000112-34-5	Diethylene glycol monobutyl ether	2
000123-72-8	Butyraldehyde	2
000131-11-3	Dimethyl phthalate	2
000149-30-4	2-Mercaptobenzothiazole	2

CAS No.	Formulant Names	List No.
000482-89-3	(delta(sup 2,2')-Biindoline)-3,3'-dione	2
001314-23-4	Zirconium oxide	2
001330-20-7	Xylene	2
005131-66-8	1-Butoxy-2-propanol	2
007778-50-9	Potassium dichromate	2
008002-05-9	Petroleum	2
008052-41-3	Stoddard solvent	2
014567-73-8	Tremolite	2
014808-60-7	Silica, crystalline (quartz)	2
017068-78-9	Asbestos, anthophyllite	2
018299-54-2	Ethylenediamine hydrochloride	2
025339-17-7	Isodecyl alcohol	2
025340-17-4	Benzene, diethyl-	2
025498-49-1	[2-(2-Methoxymethylethoxy)methylethoxy]propanol	2
025550-14-5	Ethylmethylbenzene	2
029385-43-1	Methyl-1H-benzotriazole	2
064365-06-6	Isoparaffinic petroleum hydrocarbon	2
064741-44-2	Gas oil, blend	2
064741-65-7	Naphtha (petroleum), heavy alkylate	2
064741-66-8	Naphtha (petroleum), light alkylate	2
064741-73-7	Distillates (petroleum), alkylate	2
064741-88-4	Mineral oil, petroleum distillates, solvent-refined (mild) heavy paraffinic	2
064741-89-5	Mineral oil, petroleum distillates, solvent-refined (mild) light paraffinic	2
064741-96-4	Mineral oil, petroleum distillates, solvent-refined (mild) heavy naphthenic	2
064742-06-9	Extracts (petroleum), middle distillate solvent	2
064742-14-9	Distillates (petroleum), acid treated light	2
064742-46-7	Distillates (petroleum), hydrotreated middle	2
064742-47-8	Distillates (petroleum), hydrotreated light	2
064742-48-9	Naphtha	2
064742-52-5	Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	2
064742-53-6	Mineral oil, petroleum distillates, hydrotreated (mild) light naphthenic	2
064742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic	2
064742-55-8	Distillates (petroleum), hydrotreated light paraffinic	2
064742-56-9	Distillates (petroleum), solvent dewaxed light paraffinic distillate	2
064742-57-0	Residual oils (petroleum), hydrotreated	2
064742-58-1	Lubricating oils (petroleum), hydrotreated spent	2
064742-62-7	Residual oils (petroleum), solvent-dewaxed	2
064742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic	2
064742-82-1	Naphtha (petroleum), hydrodesulfurized heavy	2

CAS No.	Formulant Names	List No.
064742-88-7	Solvent naphtha (petroleum), medium aliphatic	2
064742-89-8	Solvent naphtha (petroleum), light aliphatic	2
064742-94-5	Solvent naphtha (petroleum), heavy aromatic	2
064742-95-6	Solvent naphtha (petroleum), light aromatic	2
064742-96-7	Solvent naphtha (petroleum), heavy aliphatic	2
064742-98-9	Distillates (petroleum), oxidized light	2
064771-72-8	Paraffins (petroleum), normal C5-20	2
068334-30-5	Fuels, diesel	2
068476-30-2	Fuel oil, No. 2	2
068476-31-3	Fuel oil, No. 4	2
068476-77-7	Lubricating oils, refined use	2
068477-31-6	Distillates (petroleum), cat. reformer fractionator residue, low boiling	2
068512-02-7	Benzene, (tetrapropenyl) derivatives	2
068527-23-1	Naphtha (petroleum), light steam-cracked aromatic	2
068920-06-9	Xylene range aromatic solvent	2
072623-86-0	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	2
091053-39-3	Calcined diatomaceous earth	2
111163-74-7	Distillates (petroleum), catalytic reformer fractionator residue, low-boiling, sulfonated, sodium salts	2
	FP 172F ISOPARAFFINIC HYDROCARBON	2
000052-51-7	2-Bromo-2-nitro-propane-1,3-dio	3
000054-21-7	Sodium salicyate	3
000058-95-7	Vitamin E acetate	3
000060-00-4	Ethylenediaminetetraacetic acid	3
000060-29-7	Ethane, 1,1'-oxybis-	3
000060-33-3	Linoleic acid	3
000061-73-4	C.I. Basic Blue 9	3
000064-02-8	Ethylenediaminetetraacetic acid, tetrasodium salt	3
000066-71-7	1,10-Phenanthroline	3
000067-56-1	Methyl alcohol	3
000067-64-1	Acetone	3
000067-68-5	Dimethyl sulfoxide	3
000074-87-3	Methyl chloride	3
000074-98-6	Propane	3
000075-07-0	Acetaldehyde	3
000075-28-5	Isobutane	3
000075-31-0	Isopropylamine	3
000075-65-0	2-Propanol, 2-methyl-	3
000076-06-2	Trichloronitromethane	3
000076-22-2	Camphor	3

CAS No.	Formulant Names	List No.
000076-59-5	Bromthymol blue	3
000077-71-4	5,5-Dimethylhydantoin	3
000077-93-0	Triethy citrate	3
000078-66-0	3,6-Dimethyl-4-octyne-3,6-diol	3
000078-83-1	1-Propanol, 2-methyl-	3
000078-92-2	sec-Butanol	3
000078-93-3	Methyl ethyl ketone	3
000079-20-9	Acetic acid, methyl ester	3
000079-20-9	Methyl acetate	3
000080-26-2	alpha-Terpineol acetate	3
000081-07-2	Saccharin	3
000081-11-8	4,4'-Diamino-2,2'-stilbenedisulfonic acid	3
000081-48-1	C.I. Solvent Violet 13	3
000082-38-2	1-(Methylamino)-9,10-anthracenedione	3
000085-40-5	Tetrahydrophthalimide	3
000085-83-6	2-Naphthol, 1-((4-(o-tolylazo)-o-tolyl)azo)-	3
000085-86-9	C.I. Solvent Red 23	3
000087-69-4	Tartaric acid	3
000088-24-4	2,2'-Methylenebis(4-ethyl-6-tert-butylphenol)	3
000088-97-1	Benzoic acid, 2-(aminocarbonyl)	3
000089-83-8	Thymol	3
000090-80-2	delta-Gluconolactone	3
000091-20-3	Naphthalene	3
000092-52-4	Biphenyl	3
000092-84-2	Phenothiazine	3
000093-83-4	Oleic acid diethanolamide	3
000094-26-8	Butyl p-hydroxybenzoate	3
000095-63-6	1,2,4-Trimethylbenzene	3
000097-86-9	Methacrylic acid, isobutyl ester	3
000097-99-4	Tetrahydrofurfuryl alcohol	3
000098-55-5	alpha-Terpineol	3
000098-82-8	Cumene	3
000098-92-0	Nicotinomide	3
000100-51-6	Benzyl alcohol	3
000100-52-7	Benzaldehyde	3
000100-97-0	Hexamethylenetetramine	3
000101-02-0	Phosphorous acid, triphenyl ester	3
000101-67-7	Benzenamine, 4-octyl-N-(4-octylphenyl)-	3
000101-68-8	1,1'-Methylenebis(4-isocyanatobenzene)	3

CAS No.	Formulant Names	List No.
000102-13-6	benzeneacetic acid, 2-methylpropyl ester	3
000103-24-2	Bis(2-ethylhexyl) azelate	3
000104-15-4	p-Toluenesulfonic acid	3
000104-46-1	p-Anethole	3
000104-55-2	Cinnamaldehyde	3
000104-76-7	2-Ethyl-1-hexanol	3
000105-45-3	Acetoacetic acid, methyl ester	3
000105-53-3	diethyl malonate	3
000105-54-4	Butyric acid, ethyl ester	3
000105-54-5	ethyl butyrate	3
000105-55-5	N,N'-Diethylthiourea	3
000105-90-8	2,6-octadien-1-ol, 3,7-dimethyl-, propanoate, (E)-	3
000105-97-5	Hexanedioic acid, didecyl ester	3
000106-24-1	2,6-Octadien-1-ol, 3,7-dimethyl-, (E)-	3
000106-30-9	Ethyl heptanoate	3
000106-63-8	Acrylic acid, isobutyl ester	3
000106-70-7	Hexanoic acid, methyl ester	3
000106-84-3	Drapex 3.2	3
000107-15-3	Ethylenediamine	3
000107-22-2	Glyoxal	3
000107-39-1	2,4,4-Trimethyl-1-pentene	3
000107-40-4	2,2,4-Trimethyl-3-pentene	3
000107-41-5	Hexylene glycol	3
000107-64-2	Dimethyl dioctadecyl ammonium chloride	3
000107-89-1	3-Hydroxybutyraldehyde	3
000108-01-0	Ethanol, 2-dimethylamino-	3
000108-05-4	Acetic acid, vinyl ester	3
000108-21-4	Isopropyl actetate	3
000108-32-7	Propylene glycol cyclic carbonate	3
000108-63-4	Hexanedioic acid, bis(1-methylheptyl) ester	3
000108-65-6	1-Methoxy-2-propyl acetate	3
000108-67-8	Mesitylene	3
000108-83-8	Diisobutyl ketone	3
000108-91-8	Cyclohexylamine	3
000109-52-4	n-Valeric acid	3
000109-73-9	n-Butylamine	3
000109-99-9	Tetrahydrofuran	3
000110-12-3	5-Methyl-2-hexanone	3
000110-16-7	Maleic acid	3

CAS No.	Formulant Names	List No.
000110-27-0	Isopropyl myristate	3
000110-30-5	Octadecanamide, N,N'-1,2-ethanediylbis-	3
000110-42-9	Decanoic acid, methyl ester	3
000110-43-0	Methyl n-amyl ketone	3
000110-63-4	1,4-Butanediol	3
000110-91-8	Morpholine	3
000111-01-3	Squalane	3
000111-11-5	Octanoic acid, methyl ester	3
000111-30-8	Glutaraldehyde	3
000111-40-0	Diethylenetriamine	3
000111-46-6	Diethylene glycol	3
000111-60-4	Ethylene glycol monostearate	3
000111-66-0	1-Caprylene	3
000111-82-0	Dodecanoic acid, methyl ester	3
000111-87-5	1-Octanol	3
000111-96-6	Ether, bis(2-methoxyethyl)	3
000112-02-7	N,N,N-Trimethyl-1-hexadecanaminium chloride	3
000112-05-0	Nonanoic fatty acid	3
000112-18-5	1-Dodecanamine, N,N-dimethyl	3
000112-24-3	Triethylenetetramine	3
000112-25-4	Ethanol, 2-(hexyloxy)	3
000112-27-6	Triethylene glycol	3
000112-57-2	Tetraethylenepentamine	3
000112-68-6	Hexdecyl dimethylamine	3
000112-75-4	N,N-Dimethyl-1-tetradecanamine	3
000112-88-9	1-Octadecene	3
000112-92-5	1-Octadecanol	3
000115-86-6	Phosphoric acid, triphenyl ester	3
000118-56-9	Homomenthyl salicylate	3
000118-60-5	2-Ethylhexyl salicylate	3
000118-71-8	4H-Pyran-4-one, 3-hydroxy-2-methyl-	3
000119-36-8	Methyl salicylate	3
000119-84-6	3,4-Dihydrocoumarin	3
000120-18-3	2-Naphthalenesulfonic acid	3
000120-40-1	N,N-Bis(2-Hydroxyethyl)dodecanamide	3
000120-47-8	Ethyl p-hydroxybenzoate	3
000120-57-0	Piperonaldehyde	3
000121-00-6	2-tert-Butyl-4-methoxyphenol	3
000121-32-4	Ethyl vanillin	3

CAS No.	Formulant Names	List No.
000121-33-5	Vanillin	3
000121-44-8	Triethylamine	3
000121-79-9	Gallic acid, propyl ester	3
000122-20-3	Triisopropanolamine	3
000122-62-3	Sebacic acid, bis(2-ethylhexyl)ester	3
000122-99-6	Phenoxy ethanol	3
000123-26-2	N,N'-Ethylenebis(12-hydroxyactadecanamide)	3
000123-42-2	Diacetone alcohol	3
000123-66-0	ethyl hexanoate	3
000123-77-3	Azodicarboxamide	3
000123-86-4	Acetic acid, butyl ester	3
000123-92-2	3-Methyl-1-butanol, acetate	3
000123-94-4	Octadecanoic acid, 2,3-dihydroxypropyl ester	3
000123-96-6	2-Octanol	3
000123-99-9	Azelaic acid	3
000124-04-9	Adipic acid	3
000124-09-4	1,6-diaminohexane	3
000124-13-0	1-Octanal	3
000124-28-7	N,N-Dimethyloctadecylamine	3
000124-38-9	Carbon dioxide	3
000124-40-3	Dimethylamine	3
000124-68-5	2-Amino-2-methyl-1-propanol	3
000125-12-2	Isobornyl acetate	3
000126-14-7	Sucrose octaacetate	3
000126-73-8	Phosphoric acid, tributyl ester	3
000126-86-3	2,4,7,9-Tetramethyl-5-decyne-4,7-diol	3
000128-37-0	Butylated hydroxytoluene	3
000128-44-9	Saccharin sodium	3
000129-17-9	C.I. Acid Blue 1, sodium salt	3
000130-22-3	2-Anthracenesulfonic acid, 9,10-dihydro-3,4-dihydroxy-9,10-dioxo-, monosodium salt	3
000131-57-7	2-Hydroxy-4-methoxy benzophenone	3
000134-09-8	Cyclohexanol, 5-methyl-2-(1-methylethyl)-, 2-aminobenzoate	3
000134-20-3	methyl anthranilate	3
000134-31-6	8-Hydroxyquinoline sulfate	3
000136-51-6	Calcium 2-ethylhexanoate	3
000136-52-7	2-Ethylhexanoic acid cobalt salt	3
000136-53-8	Zinc 2-ethylhexoate	3
000137-16-6	Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt	3
000137-20-2	N-Methyl-N-oleoyltaurine, sodium salt	3

CAS No.	Formulant Names	List No.
000138-86-3	alpha-Limonene	3
000139-13-9	Aminotriethanoic acid	3
000139-33-3	Disodium ethylenediaminetetraacetate	3
000139-89-9	Trisodium N-(2-hydroxyethyl)ethylenediaminetriacetate	3
000139-96-8	Triethanolamine lauryl sulfate	3
000140-01-2	Pentasodium diethylenetriaminepentaacetate	3
000140-11-4	Benzyl actetate	3
000140-66-9	4-(1,1,3,3-Tetramethylbutyl)phenol	3
000141-04-8	Diisobutyl adipate	3
000141-32-2	Butyl acrylate	3
000141-43-5	Ethanolamine	3
000141-92-4	Octanal, 7-hydroxy-3,7-dimethyl-, dimethyl acetal	3
000142-47-2	Glutamic acid, sodium salt	3
000142-77-8	9-Octadecenoic acid, butyl ester (Z)-	3
000142-78-9	N-(2-Hydroxyethyl)dodecanamide	3
000142-82-5	Heptane	3
000142-91-6	Isopropyl palmitate	3
000143-08-8	1-Nonanol	3
000144-62-7	Oxalic acid	3
000149-11-1	Hexanoic acid, 2-ethyl-, copper(2) salt	3
000149-57-5	2-Ethylhexanoic acid	3
000299-28-5	Calcium gluconate	3
000300-92-5	Aluminum hydroxide distearate	3
000366-18-7	2,2'-Bipyridine	3
000461-58-5	Dicyanodiamide	3
000496-46-8	Glycouril	3
000503-74-2	isovaleric acid	3
000509-34-2	C.I. Solvent Red 49	3
000513-86-0	acetoin	3
000518-47-8	C.I. Acid Yellow 73	3
000520-45-6	Dehydroacetic acid	3
000533-74-4	Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione	3
000540-10-3	Palmitic acid, hexadecyl ester	3
000540-97-6	Dodecamethylcyclohexasiloxane	3
000541-02-6	Decamethylcyclopentasiloxane	3
000554-13-2	Lithium carbonate	3
000556-67-2	Octamethylcyclotetrasiloxane	3
000587-98-4	C.I. Acid Yellow 36, monosodium salt	3
000593-81-7	Trimethylamine, hydrochloride	3

CAS No.	Formulant Names	List No.
000603-35-0	Triphenyl phosphine	3
000621-59-0	benzaldehyde, 3-hydroxy-4-methoxy-	3
000624-54-4	Propanoic acid, pentyl ester	3
000627-83-8	Ethylene glycol distearate	3
000628-63-7	Amyl acetate	3
000629-11-8	1,6-Hexanediol	3
000629-70-9	1-Hexadecanol acetate	3
000633-03-4	Ammonium, (4-(p-(diethylamino)-alpha-phenylbenzylidene)-2,5-cyclohexadien-1-ylidene) diethyl-,sulfate (1:1)	3
000633-96-5	C.I. Acid Orange 7, monosodium salt	3
000637-39-8	Triethanolamine hydrochloride	3
000770-35-4	2-Propanol, 1-phenoxy-	3
000815-57-6	2,4-pentanedione, 3-methyl-	3
000822-06-0	1,6-Diisocyanatohexane	3
000828-00-2	6-Acetoxy-2,4-dimethyl-m-dioxane	3
000842-07-9	2-Napthalenol, 1-(phenylazo)	3
000872-50-4	N-Methyl-2-pyrrolidinone	3
000915-67-3	C.I. Acid Red 27, trisodium salt	3
000929-06-6	2-(2-Aminoethoxy)ethanol	3
000989-38-8	C.I. Basic Red 1	3
001077-56-1	N-Ethyl-2-methyl-benzenesulfonamide	3
001103-39-5	1-Naphthalenesulfonic acid, 2-((2-hydroxy-1-naphthalenyl)azo)-, calcium salt (2:1)	3
001111-78-0	Ammonium carbamate	3
001191-50-0	Tetradecyl sulfate, sodium salt	3
001300-72-7	Xylenesulfonic acid, sodium salt	3
001303-96-4	Borax	3
001308-14-1	Chromic acid	3
001308-38-9	Chrome oxide (Cr2O3)	3
001310-65-2	Lithium hydroxide	3
001310-66-3	Lithium hydrate	3
001314-56-3	Phosphorus pentoxide	3
001317-33-5	Molybdenum disulfide	3
001317-34-6	Manganese(III) oxide	3
001317-38-0	Copper oxide	3
001317-71-1	Olivine	3
001317-80-2	Rutile	3
001318-23-6	Boehmite (Al(OH)O)	3
001318-59-8	Chlorite	3
001318-74-7	Kaolinite	3

CAS No.	Formulant Names	List No.
001320-07-6	C.I. Acid Orange 24, monosodium salt	3
001320-67-8	1,2-Propanediol, monomethyl ether	3
001321-69-3	Naphthalenesulfonic acid, sodium salt	3
001321-94-4	Methylnaphthalene	3
001322-93-6	Diisopropylnaphthalenesulfonic acid, sodium salt	3
001330-38-7	C.I. Direct Blue 86	3
001330-39-8	Copper phthalocyanine trisulfonic acid	3
001330-43-4	Disodium tetraborate	3
001331-61-9	Dodecylbenzenesulfonic acid, ammonium salt	3
001332-37-2	Iron oxide	3
001333-86-4	Carbon black	3
001336-93-2	Manganese naphthenate	3
001338-02-9	Copper naphthenate	3
001338-14-3	Naphthenic acids, iron salts	3
001338-24-5	Naphthenic acid	3
001338-43-8	Sorbitan monooleate	3
001541-81-7	Morpholine, 4-dodecyl-	3
001589-47-5	2-Methoxy-1-propanol	3
001599-67-3	1-Docosene	3
001643-20-5	N,N-Dimethyldodecylamine oxide	3
001762-95-4	Ammonium thiocyanate	3
001934-21-0	C.I. Acid Yellow 23, trisodium salt	3
001945-78-4	Benzothiazole, 2,2'-methylenebis-	3
001948-33-0	tert-Butylhydroquinone	3
002050-08-0	2-Hydroxybenzoic acid, pentyl ester	3
002082-79-3	Ocatdecyl 3-(3',5'-di-tert-butyl-4'-hydroxyphenyl)propionate	3
002235-54-3	Dodecyl sulfate, ammonium salt	3
002321-07-5	Fluorescein	3
002390-60-5	C.I. Basic Blue 7	3
002425-85-6	C.I. Pigment Red 3	3
002440-22-4	2-(2H-Benzotriazol-2-yl)-4-methylphenol	3
002457-01-4	Barium 2-ethylhexanoate	3
002492-26-4	2-Mercaptobenzothiazole, sodium salt	3
002605-78-9	N,N-Dimethyloctylamine N-oxide	3
002610-11-9	C.I. Direct Red 81, disodium salt	3
002634-33-5	1,2-Benzisothiazolin-3-one	3
002650-18-2	C.I. Acid Blue 9, diammonium salt	3
002682-20-4	3(2H)-Isothiazolone, 2-methyl-	3
002772-45-4	Phenol, 2,4-bis(1-methyl-1-phenylethyl)-	3

CAS No.	Formulant Names	List No.
002783-94-0	C.I. Food Yellow 3	3
002836-32-0	Glycolic acid, sodium salt	3
002855-13-2	Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-	3
002991-51-7	Glycine, N-ethyl-N-((heptadecafluorooctyl)sulfonyl)-, potassium salt	3
003006-15-3	Sodium 1,4-dihexyl sulfosuccinate	3
003068-39-1	Xanthylium, 3,6-bis(ethylamino)-9-[2-(methoxycarbonyl)phenyl]-2,7-dimethyl-, chloride	3
003088-31-1	2-(2-Dodecyloxyethoxy)ethyl sodium sulfate	3
003164-85-0	Potassium 2-ethylhexanoate	3
003251-23-8	Copper nitrate	3
003380-34-5	2,4,4'-Trichloro-2-hydroxy diphenyl ether	3
003452-07-1	1-Eicosene	3
003486-30-4	C.I. Acid Blue 7, sodium salt	3
003567-66-6	C.I. Acid Red 33, disodium salt	3
003567-69-9	C.I. Acid Red 14, disodium salt	3
003586-55-8	Ethylene glycol bis(semiformal)	3
003734-33-6	Denatonium benzoate	3
003734-67-6	C.I. Acid Red 1	3
003811-04-9	Potassium chlorate	3
003844-45-9	C.I. Acid Blue 9, disodium salt	3
003848-24-6	2,3-hexanedione	3
003896-11-5	2-(2-Hydroxy-3-tert-butyl-5-methylphenyl)-5-chloro-2H-benzotriazole	3
003910-35-8	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-3-phenyl-	3
004065-45-6	2-Hydroxy-4-methoxybenzophenone-5-sulfonic acid	3
004080-31-3	Hexamethylenetetramine chloroallyl chloride	3
004247-02-3	Benzoic acid, p-hydroxy-, isobutyl ester	3
004368-56-3	2-Anthracenesulfonic acid,1-amino-4-(cyclohexylamino)-9, 10-dihydro-9,10-dioxo-, monosodium salt	3
004395-65-7	C.I. Solvent Blue 68	3
004403-90-1	C.I. Solvent Green 25	3
004474-24-2	C.I. Acid Blue 80	3
004940-11-8	2-Ethyl-3-hydroxy-4H-pyran-4-one	3
005064-31-3	Trisodium nitrilotriacetate	3
005137-55-3	Tricaprylyl methyl ammonium chloride	3
005281-04-9	C.I. Pigment Red 57:1	3
005329-14-6	Sulfamic acid	3
005333-42-6	2-Octyldodecanol	3
005392-40-5	Citral	3
005437-45-6	Benzyl bromoacetate	3
005466-77-3	2-Ethylhexyl-p-methoxycinnamate	3

CAS No.	Formulant Names	List No.
005850-16-8	C.I. Acid Brown 14, disodium salt	3
005892-47-7	2,4,6-Tris(1-methylpropyl)-phenol	3
006152-33-6	[1,1'-Biphenyl]-2-ol, sodium salt, tetrahydrate	3
006197-30-4	2-Ethylhexyl 2-cyano-3,3-diphenylacrylate	3
006247-34-3	2-Anthracenesulfonic acid, 4-[[4-(acetylamino)phenyl]amino]-1-amino-9,10-dihydro-9,10-dioxo-	3
006258-73-7	Benzene, 1,1'-(1,3,3-trimethyl-1-propene-1,3-diyl)bis-	3
006258-73-7	Benzene,1,1'-(1,3,3-trimethyl-1-propene-1,3-diyl)bis-	3
006303-21-5	Hypophosphorus acid	3
006317-18-6	Thiocyanic acid, methylene ester	3
006320-14-5	3H-Indolium, 1,3,3-trimethyl-2-(3-(1,3,3-trimethyl-2-indolinylidene)propenyl)-, chloride	3
006358-31-2	C.I. Pigment Yellow 74	3
006358-37-8	Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-methylphenyl)-3-oxo-	3
006362-80-7	Benzene, 1,1'-(1,1-dimethyl-3-methylene-1,3-propanediyl)bis-	3
006408-78-2	C.I. Acid Blue 25	3
006408-80-6	C.I. Acid Blue 145	3
006417-83-0	2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(1-sulfo-2-naphthalenyl)azo]-, calcium salt (1:1)	3
006422-86-2	Terephthalic acid, bis(2-ethylhexyl) ester	3
006440-58-0	Dimethylol-5,5-dimethylhydantoin	3
006535-46-2	2-Naphthalenecarboxamide, 3-hydroxy-N-(2-methylphenyl)-4-[(2,4,5-trichlorophenyl)azo]-	3
006700-85-2	Cobalt octanoate	3
006938-94-9	Diisopropyl adipate	3
006969-49-9	n-Octyl salicylate	3
007000-29-5	Calcium magnesium carbonate	3
007023-61-2	C.I. Pigment Red 48, calcium salt	3
007091-57-8	8-Quinolinol, benzoate (salt)	3
007235-40-7	beta-Carotene, all-trans-	3
007376-31-0	Ethanol, 2,2',2"-nitrilotris-, sulfate (salt)	3
007396-58-9	1-Decanamine, N-decyl-N-methyl-	3
007429-90-5	Aluminum (metal)	3
007439-96-5	Manganese	3
007440-50-8	Copper	3
007440-67-7	Zirconium	3
007447-41-8	Lithium chloride	3
007492-70-8	Butyric acid, ester with butyl lactate	3
007578-43-0	N,N-Bis(2-(bis(caboxymethyl)amino)ethyl)glycine, sodium salt	3
007631-90-5	Sodium bisulfite*	3

CAS No.	Formulant Names	List No.
007631-95-0	Sodium molybdate	3
007632-00-0	Sodium nitrite	3
007632-04-4	Perboric acid, sodium salt	3
007664-41-7	Ammonia	3
007681-11-0	Potassium iodide (KI)	3
007722-84-1	Hydrogen peroxide	3
007723-14-0	Phosphorus (red)	3
007727-43-7	Barium sulfate (1:1)	3
007733-02-0	Zinc sulphate (1:1)	3
007757-79-1	Potassium nitrate	3
007757-83-7	Sodium sulfite*	3
007772-99-8	Stannous chloride	3
007773-01-5	Manganese chloride	3
007775-09-9	Sodium chlorate	3
007775-14-6	Sodium dithionite	3
007775-27-1	Peroxydisulfuric acid, disodium salt	3
007789-38-0	Sodium bromate	3
008000-27-9	Oil of cedarwood	3
008000-29-1	Oil of citronella	3
008000-48-4	Eucalyptus oil	3
008001-21-6	Sunflower seed oil	3
008001-39-6	Vegetable wax	3
008001-88-5	Birch tar oil	3
008001-97-6	Aloe vera gel	3
008002-26-4	Tall oil	3
008003-22-3	C.I. Solvent Yellow 33	3
008003-34-7	Pyrethrum	3
008004-92-0	C.I. Acid Yellow 3	3
008006-90-4	Peppermint oil	3
008007-02-1	Oil of lemongrass	3
008007-24-7	Cashew, nutshell liquid*	3
008007-44-1	Pennyroyal oil	3
008007-70-3	Oil of anise	3
008008-20-6	Kerosene (deodorized)	3
008008-51-3	Oil of camphor	3
008012-95-1	Paraffin oils	3
008013-01-2	Yeast extract	3
008013-07-8	Epoxidized soybean oil*	3
008014-09-3	Oils, patchouli	3

CAS No.	Formulant Names	List No.
008015-90-5	oils, celery	3
008016-11-3	Epoxidized linseed oil	3
008022-96-6	Essential oils	3
008027-33-6	Alcohols, lanolin	3
008029-76-3	Hydroxylated lecithin	3
008030-30-6	Naphtha	3
008047-99-2	N-Ethyltoluenesulfonamide	3
008050-09-7	Rosin	3
008050-15-5	Resin acids and rosin acids, hydrogenated, Me esters	3
008050-26-8	resin acids and rosin acids, esters with pentaerythritol	3
008050-81-5	Simethicone	3
008051-30-7	Coconut oil, reaction products with diethanolamine	3
008052-10-6	Tall oil rosin	3
008052-42-4	Asphalt	3
008052-50-4	Tallow, sulfated, sodium salt	3
008061-53-8	Lignosulfonic acid, ammonium salt	3
008068-05-1	Lignin, alkali	3
009000-28-6	Ghatti gum	3
009000-59-3	Shellac	3
009000-65-1	Gum tragacanth	3
009002-18-0	Agar	3
009002-84-0	Polytetrafluoroethylene	3
009002-93-1	Polyoxyethylene 4-(1,1,3,3-tetramethylbutyl)phenyl ether	3
009003-13-8	Butoxypropylene glycol	3
009004-57-3	Cellulose, ethyl ether	3
009004-87-9	Ethoxylated isooctylphenol	3
009004-94-8	Poly(oxy-1,2-ethanediyl), alpha-(1-oxohexadecyl)- omega -hydroxy-	3
009005-27-0	Hetastarch	3
009005-53-2	Lignin solids	3
009007-13-0	Resin acids and rosin acids, calcium salts	3
009007-16-3	Acrylic acid, polymer with sucrose polyallyl ether	3
009010-66-6	Zein	3
009010-88-2	Ethyl acrylate, copolymer with methyl methacrylate	3
009011-11-4	Ethenylbenzene, polymer with (1-methylethenyl)benzene	3
009012-54-8	Enzyme concentrate, dry matter	3
009014-01-1	Subtilisin	3
009016-00-6	Poly(oxy(dimethylsilylene))	3
009016-87-9	Polymethylenepolyphenylene isocyanate	3
009043-30-5	Polyoxyethylene isotridecyl ether	3

CAS No.	Formulant Names	List No.
009046-01-9	Polyethylene glycol mono tributylphenyl ether	3
009046-09-7	Polyethylene glycol mono tributylphenyl ether	3
009069-80-1	Naphthalenesulfonic acid, polymer with formaldehyde, ammonium salt	3
010024-97-2	Nitrous oxide	3
010031-43-3	Copper(II) nitrate, trihydrate (1:2:3)	3
010043-35-3	Boric acid (H3BO3)	3
010043-67-1	Potassium aluminum sulfate	3
010137-74-3	Calcium chlorate	3
010192-30-0	Ammonium acid sulfite*	3
010192-32-2	1-Tetracosene	3
010197-71-4	Phthalic acid, sodium salt	3
010294-56-1	Phosphorous acid	3
010378-23-1	Tetrasodium ethylenediamine tetraacetate dihydrate	3
010545-99-0	Chlorine sulfide	3
011081-15-5	Isooctyl phenol	3
011117-11-6	Benzenesulfonic acid, tetrapropylene-, calcium salt	3
011296-00-8	White carbon	3
012030-88-5	Potassium superoxide	3
012040-43-6	Silicic acid, aluminum magnesium sodium salt	3
012058-66-1	Disodium stannate	3
012135-86-3	Serpentime (or: Antigorite, Lisardite)	3
012136-45-7	Potassium oxide	3
012142-33-5	Stannate (SnO3(2-)), dipotassium	3
012173-10-3	Clinoptilolite	3
012179-04-3	Boric acid (H2B4O7)), disodium salt, pentaborate	3
012225-06-8	2-Naphthalenecarboxamide, N-(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-3-hydroxy-4-[[2-methoxy-5-[(phenylamino)carbonyl]phenyl]azo]-	3
012225-21-7	C.I. Pigment Yellow 100	3
012227-89-3	C.I. Pigment Black 11	3
012236-62-3	C.I. Pigment Orange 36	3
012236-86-1	C.I. Reactive Blue 21	3
012239-87-1	Copper, (chlorophthalocyaninato(2-))	3
012401-86-4	Sodium monoxide	3
012768-78-4	C.I. Acid Green 16	3
013081-34-0	Polyoxyethylene S-ether with dodecylmercaptan	3
013081-97-5	Octadecanoic acid, 2,2-bis(hydroxymethyl)-1,3-propanediyl ester	3
013467-82-8	Octaneperoxoic acid, 1,1-dimethylethyl ester	3
013515-40-7	C.I. Pigment Yellow 73	3
014356-36-6	4-Dodecylbenzenesulfonic acid, butylamine salt	3

CAS No.	Formulant Names	List No.
014644-61-2	Zirconium sulfate	3
014751-87-2	Acetohydroxamic acid, N-fluoren-2-yl-, cobalt(2) complex	3
015782-05-5	C.I. Pigment Red 48:3	3
015792-67-3	C.I. Acid Blue 9, aluminum salt (3:2)	3
015956-58-8	2-Ethyl hexanoic acid, manganese salt	3
016291-96-6	Charcoal	3
016423-68-0	Fluorescein, 2',4',5',7'-tetraiodo, disodium salt {Spiro(isobenzofuran) tautomeric form}	3
017354-14-2	C.I. Solvent Blue 35	3
017572-97-3	Ethylenediaminetetraacetic acid, tripotassium salt	3
017804-49-8	2,7-Naphthalenedisulfonic acid, 5-((4,6-dicloro-s-triazin-2-yl)amino)-4-hydroxy-3-(phenylazo)-, disodium salt	3
018016-19-8	Maleic acid, sodium salt	3
018282-10-5	Tin oxide	3
018820-29-6	Manganese sulfide	3
018835-33-1	1-Hexacosene	3
019381-50-1	C.I. Acid Green 1	3
019549-80-5	4,6-Dimethyl-2-heptanone	3
020427-58-1	Zinc hydroxide	3
020427-59-2	Copper hydroxide	3
021245-02-3	4-(Dimethylamino)benzoic acid, 2-ethylhexyl ester	3
021564-17-0	Thiocyanic acid, (2-benzothiazolylthio)methyl ester	3
022464-99-9	2-Ethylhexanoic acid, zirconium salt	3
023783-26-8	Acetic acid, hydroxyphosphono-	3
024938-91-8	Polyoxyethylene tridecyl ether	3
025013-16-5	Butylated hydroxyanisole	3
025035-69-2	Methacrylic acid, polymer with butyl acryate and methyl methacrylate	3
025068-38-6	Bisphenol A - epichlorohydrin condensate	3
025104-37-4	Poly(vinyl ethyl ether)	3
025133-97-5	2-Propenoic acid, 2-methyl-, polymer with ethyl 2-propenoate and methyl 2-methyl-2-propenoate	3
025154-85-2	Vinyl chloride - isobutyl vinyl ether copolymer	3
025155-30-0	Dodecybenzenesulfonic acid, sodium salt	3
025167-81-1	Dichorophenol	3
025265-71-8	Dipropylene glycol	3
025265-77-4	2,2,4-Trimethylpentane-1,3-diol monoisobutyrate	3
025417-20-3	Dibutylnaphthalenesulfonic acid, sodium salt	3
025446-78-0	Ethanol, 2-[2-[2-(tridecyloxy)ethoxy]ethoxy]-, hydrogen sulfate, sodium salt	3
025550-98-5	Diisodecylphenyl phosphite	3
025551-13-7	Trimethylbenzene	3

CAS No.	Formulant Names	List No.
025608-33-7	Methyl methacrylate, copolymer with butyl methacrylate	3
025638-17-9	Butylnaphthalenesulfonic acid, sodium salt	3
025655-41-8	Poly(1-(2-oxo-1-pyrrolidinyl)ethylene)iodine complex	3
025766-59-0	Polycarbonate	3
025791-96-2	Poly(oxypropylene) glycol triether	3
025852-37-3	Methyl methacrylate, copolymer with butyl acrylate	3
026009-03-0	Polyglycolic acid	3
026062-79-3	Ammonium, diallydimethyl-, chloride, polymers	3
026172-55-4	3(2H)-Isothiazolone, 5-chloro-2-methyl-	3
026221-73-8	1-Octene, polymer with ethene	3
026249-20-7	Ucar butylene oxide 12 (Obs.)	3
026254-89-7	Butanal, 2,2-diethyl-	3
026264-05-1	Dodecylbenzenesulfonic acid, isopropylamine salt	3
026264-06-2	Dodecylbenzenesulfonic acid, calcium salt	3
026264-58-4	Methylnaphthalenesulfonic acid, sodium salt	3
026266-58-0	Sorbitan trioleate	3
026403-62-3	Poly[oxy(methyl-1,2-ethanediyl)], alpha-(1-oxooctadecyl)-omega-[(1-oxooctadecyl)oxy]-	3
026447-40-5	4,4'-,2,4'-,2,2'-Diisocyanatodiphenylmethane	3
026530-20-1	2-Octyl-4-isothiazolin-3-one	3
026635-93-8	N,N'-Bis(polyoxyethylene)oleylamine	3
026658-19-5	Sorbitan tristearate	3
026761-40-0	Diisodecyl phthalate	3
026896-20-8	Neodecanoic acid	3
026952-21-6	Isooctanol	3
027138-31-4	Dipropylene glycol dibenzoate	3
027176-87-0	Dodecylbenzenesulfonic acid	3
027177-77-1	Dodecylbenzenesulfonic acid, potassium salt	3
027178-16-1	Adipic acid, diisodecyl ester	3
027178-87-6	Dimethylnaphthalenesulfonic acid, sodium salt	3
027193-86-8	Dodecylphenol	3
027213-90-7	Diisobutylnaphthalenesulfonic acid, sodium salt	3
027253-28-7	Neodecanoic acid, lead salt	3
027253-31-2	Cobalt neodeconoate	3
027253-32-3	Neodecanoic acid, manganese salt	3
027253-33-4	Calcium neodecanoate	3
027277-00-5	2-Amino-4,5-dihydro-6-methyl-4-propyl-5-triazolo(1,5-C)-pyrimidin-5-one	3
027321-96-6	Glycols, polyethylene, monocholesteryl ether	3
027323-41-7	Dodecylbenzenesulfonic acid, triethanolamine salt	3
027344-41-8	Benzenesulfonic acid, 2,2'-(4,4'-biphenylylenedivinylene)di-, disodium salt	3

CAS No.	Formulant Names	List No.
027360-07-2	Butane, 1,1-bis(ethenyloxy)-, polymer with ethanol	3
027458-92-0	Isotridecyl alcohol	3
027479-28-3	Benzenemethanaminium, N-dodecyl-ar-ethyl-N,N-dimethyl-, chloride	3
027479-29-4	Benzenemethanaminium, ar-ethyl-N,N-dimethyl-N-tetradecyl-, chloride	3
027576-86-9	Phenol, (1-methyl-1-phenylethyl)-	3
027756-15-6	Acrylic acid-stearyl methacrylate copplymer	3
028262-63-7	2-Propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate	3
028348-64-3	Isopropylnaphthalenesulfonic acid, sodium salt	3
028724-32-5	Poly(oxy-1,2-ethanediyl), alpha, alpha'-[(methyloctadecyliminio)di-2,1-ethanediyl]bis[omega -hydroxy-, chloride	3
029116-98-1	Sorbide dioleate	3
029190-28-1	1,3-Benzenediol, 2,4-bis[(dimethylphenyl)azo]-	3
029733-18-4	Pentanedioic acid, diisodecyl ester	3
030704-63-3	Formaldehyde, polymer with p-tert-butylphenol and oxirane	3
030846-35-6	Formaldehyde, polymer with 4-nonylphenol and oxirane	3
031069-81-5	2-Propenoic acid, 2-methyl-, polymer with butyl 2-propenoate and ethyl 2-propenoate	3
031694-55-0	Poly(oxy-1,2-ethanediyl), alpha, alpha', alpha"-[1,2,3-propanetriyltris]- omega -hydroxy-	3
031799-71-0	Poly(oxy-1,2-ethanediyl), alpha, alpha'-[[(1-oxo-9-octadecenyl)imino]di-2,1-ethanediyl]bis[omega -hydroxy-, (Z)-	3
031807-55-3	Isododecane	3
031983-27-4	2,6-Octadienenitrile, 3,7-dimethyl-, (Z)-	3
032360-05-7	2-Propenoic acid, 2-methyl-, octadecyl ester	3
032612-48-9	Dodecanol, ethoxylated, monoether with sulfuric acid, ammonium salt	3
032628-06-1	Poly(oxy-1,2-ethanediyl), alpha-(1-oxohexadecyl)- omega -[(1-oxohexadecyl)oxy]-	3
033703-08-1	Diisononyl adipate	3
034149-92-3	Polyvinyl acetate chloride	3
034375-28-5	2-(Hydroxymethylamino)ethanol	3
034590-94-8	Dipropylene glycol monomethyl ether	3
035691-65-7	2-Bromo-2(bromomethyl)pentanedinitrile	3
035835-94-0	Ethyltriphenylphosphonium, acetate	3
037251-69-7	Polyoxyethylene polyoxypropylene mono(nonylphenyl) ether	3
037314-65-1	Lignosulfonic acid, potassium salt	3
037971-36-1	2-Phosphonobutane-1,2,4-tricarboxylic acid	3
038640-62-9	Naphthalene, bis(1-methylethyl)-	3
039390-62-0	Epoxide 8	3
039393-37-8	Sanitizer 711	3
040372-66-5	1,2,4-Butanetricarboxylic acid, 2-phosphono-, sodium salt	3
042808-36-6	Sulfonated butyl oleate, sodium salt	3

CAS No.	Formulant Names	List No.
051158-08-8	Poly(oxy-1,2-ethanediyl), alpha-hydro- omega -hydroxy-, ether with 1,2,3-propanetriol monooctadecanoate (2:1)	3
051200-87-4	4,4-Dimethyloxazolidine	3
051229-78-8	Hexamethylenetetramine chloroallyl chloride, cis isomer	3
051243-47-1	2-Propenoic acid, butyl ester, polymer with ethenylbenzene and ethyl 2-propenoate	3
051274-00-1	C.I. Pigment Yellow 42	3
051617-74-4	Ethanol, 2-amino-, compound with alpha-sulfo- omega -(nonylphenoxy)poly(oxy-1,2-ethanediyl)	3
051730-94-0	Propanol, (methyl-2-phenoxyethoxy)-	3
051774-11-9	Isoheptanol (or: Isoheptylic alcohol solution)	3
052232-27-6	Oxirane, methyl-, polymer with oxirane, methyl 2-propenyl ether	3
052357-70-7	Iron oxide brown	3
052821-24-6	1H-Benz[de]isoquinoline-1,3(2H)-dione, 2-(3-hydroxypropyl)-6-[(3-hydroxypropyl)amino]-	3
052836-31-4	2,2,5-Trimethyl-3-dichoroacetyl-1,3-oxazolidine	3
053320-86-8	Lithium magnesium sodium silicate	3
054193-36-1	Sodium polymethacrylate	3
055406-53-6	3-Iodo-2-propynyl butyl carbamate	3
055965-84-9	3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	3
056863-02-6	Diethanolamide of linoleic acid	3
057455-37-5	C.I. Pigment Blue 29	3
058654-67-4	2-Octanone, 5-methyl-	3
059160-79-1	Copper, [[2,2',2"-[29H,31H-phthalocyaninetriyltris(methylene)]tris[1H-isoindole-1,3(2H)-dionato]](2-)-N29,N39,N31,N32]-	3
059487-23-9	C.I. Pigment Red 187	3
061702-78-1	Poly(oxy-1,2-ethanediyl), alpha-[1,3-dimethyl-1-(2-methylpropyl)hexyl]- omega -hydroxy-	3
061723-83-9	Poly(oxy-1,2-ethanediyl), alpha-hydro- omega -hydroxy-, ether with D-glucitol (2:1), tetra-9-octadecenoate, (all-Z)-	3
061788-46-3	Coco alkyl amines	3
061788-49-6	Acetic acid, esters with lanolin alcohols	3
061788-61-2	Fatty acids, tallow, Me esters	3
061788-62-3	Dicoco alkylmethyl amines	3
061788-72-5	Epoxidized octyl tallate	3
061788-85-0	Castor oil, hydrogenated, ethoxylated	3
061788-89-4	Fatty acids, C18-unsatd., dimers	3
061789-01-3	Tall oil, epoxidized, 2-ethylhexyl esters	3
061789-36-4	Calcium naphthenate	3
061789-40-0	N-(Coco alkyl) amido propyl dimethyl betaine	3

CAS No.	Formulant Names	List No.
061789-70-6	Benzenemethanaminium, N-(3-aminopropyl)-N,N-dimethyl-, N-coco acyl derivatives, chlorides	3
061789-77-3	Quaternary ammonium compounds, di(cocoalkyl)dimethyl, chlorides	3
061789-86-4	Petroleum sulfonic acids, calcium salts	3
061789-91-1	Jojoba bean oil	3
061790-12-3	Fatty acids, tall-oil	3
061790-31-6	Amides, tallow, hydrogenated	3
061790-33-8	Amines, tallow alkyl	3
061790-47-4	Amines, rosin alkyl	3
061790-51-0	Rosin acids, sodium salt	3
061790-66-7	Fatty acids, tall oil, compounds with diethanolamine	3
061790-81-6	Ethoxylated lanolin	3
061790-85-0	Ethoxylated N-(tallow alkyl)trimethylene diamines	3
061790-86-1	Fatty acids, tall-oil, monoesters with sorbitan, ethoxylated	3
061790-88-3	Sorbitan, tall-oil fatty acids triesters, ethoxylated	3
061791-00-2	Fatty acids, tall-oil, ethoxylated	3
061791-06-8	Polyethylene glycol sesquiester of tallow acids	3
061791-14-8	Amines, coco alkyl, ethoxylated	3
061791-24-0	Amines, soya alkyl, ethoxylated*	3
061791-28-4	Alcohols, tallow, ethoxylated	3
061791-38-6	1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-norcoco alkyl derivatives	3
061791-41-1	N-Methyl-N-(tall-oil acyl)taurine, sodium salt	3
061791-55-7	N-Tallow alkyltrimethylenediamines	3
061791-63-7	Amines, N-coco alkyltrimethylenedi-	3
061849-72-7	Polypropylene glycol beta-methyl glucoside ether (4:1)	3
063148-69-6	Alkyd resins (alcohols, polyhydric, polyesters)	3
063231-60-7	Paraffin waxes and hydrocarbon waxes, microcryst	3
063415-74-7	Poly[oxy(methyl-1,2-ethanediyl)], alpha-butyl- omega -(2-propenyloxy)-	3
063449-39-8	Chlorinated wax	3
063704-79-0	Nekal BA-77	3
064051-22-5	Ethanol, 2-butoxy-, hydrogen phosphate, compound with N-ethylethanamine (1:1)	3
064051-23-6	Ethanol, 2-butoxy-, dihydrogen phosphate, compound with N-ethylethanamine (1:2)	3
064147-40-6	Dehydrated castor oil	3
064365-17-9	Resin acids and rosin acids, hydrogenated, esters with pentaerythritol	3
064365-23-7	Siloxanes and Silicones, di-Me, hydroxy-terminated, ethoxylated propoxylated	3
064366-70-7	Oxirane, methyl-, polymer with oxirane, mono(2-ethylhexyl) ether	3
064742-16-1	Petroleum resins	3
064742-43-4	Paraffin waxes, clay treated	3
064742-61-6	Slack wax	3

CAS No.	Formulant Names	List No.
064755-05-1	Quaternary ammonium compounds, bis(hydroxyethyl)methyltallow alkyl, ethoxylated, chlorides	3
065087-00-5	1,3-Benzenediol, 2,4-bis[(4-dodecylphenyl)azo]-	3
065143-89-7	Hexadecyl phenoxybenzenedisulfonic acid, disodium salt	3
065381-09-1	decanoic acid, ester with 1,2,3-propanetriol octanoate	3
065497-29-2	Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride	3
065530-85-0	alpha-(Cyclohexylmethyl)-omega-hydro-poly(difluoromethylene)	3
065997-05-9	Rosin, partially dimerized	3
065997-13-9	Resin acids and rosin acids, hydrogenated, esters with glycerol	3
065997-17-3	Fibrous glass	3
066070-71-1	Fatty acids, tall-oil, polymers with glycerol and phthalic anhydride	3
066197-78-2	Nonylphenol ether with (C2H4O)9 phosphate	3
066455-14-9	Alcohols, C12-13, ethoxylated	3
067479-27-0	Aloe gum	3
067584-51-4	Glycine, N-ethyl-N-[(nonafluorobutyl)sulfonyl]-, potassium salt	3
067584-52-5	Glycine, N-ethyl-N-[(undecafluoropentyl)sulfonyl]-, potassium salt	3
067584-53-6	Glycine, N-ethyl-N-[(tridecafluorohexyl)sulfonyl]-, potassium salt	3
067584-62-7	Glycine, N-ethyl-N-[(pentadecafluoroheptyl)sulfonyl]-, potassium salt	3
067701-27-3	Glycerides, C14-18	3
067701-33-1	Glycerides, C14-18, mono- and di-	3
067762-19-0	Poly(oxy-1,2-ethanediyl), alpha-sulfo- omega -hydroxy-, C10-16-alkyl ethers, ammonium salts	3
067762-27-0	Alcohols, C16-18	3
067762-41-8	Alcohols, C10-16	3
067762-85-0	Siloxanes and Silicones, di-Me, 3-hydroxypropyl Me, ethers with polyethylene-polypropylene glycol mono-Me ether	3
067774-74-7	Benzene, C10-13-alkyl derivs.	3
067784-80-9	Soybean oil, Me ester*	3
068002-94-8	Alcohols, C16-18 and C18-unsaturated	3
068002-96-0	Alcohols, C16-18, ethoxylated propoxylated	3
068002-97-1	Alcohols, C10-16, ethoxylated	3
068015-39-4	Fatty acids, tall-oil, polymers with glycerol, phthalic anhydride and rosin	3
068037-64-9	Siloxanes and silicones, di-Me, Me hydrogen reaction products with polyethylene-polypropylene glycol monoacteate allyl ether	3
068038-22-2	Fatty acids, tall-oil, polymers with bisphenyl A, epichlorohydrin and rosin	3
068081-81-2	Benzenesulfonic acid, C10-16-alkyl derivatives, sodium salts	3
068084-55-9	Dodecylbenzenesulfonic acid, N-(2-aminoethyl)ethanolamine salt	3
068092-46-6	Benzoic acid, 3-methyl-, zinc salt	3
068092-47-7	Benzoic acid, 3-methyl-, barium salt	3
068122-86-1	Alkyl imidazolinium methyl sulfates (derived from tallow acids)	3

CAS No.	Formulant Names	List No.
068131-39-5	Alcohols, C12-15, ethoxylated	3
068131-72-6	Polyphosphoric acids, esters with triethanolamine, sodium salts	3
068131-77-1	Distillates (petroleum), steam-cracked, polymerized	3
068132-50-3	Fatty acids, tall-oil, ammonium salts	3
068139-80-0	Fatty acids, tall-oil, polymers with C18-unsaturated fatty acid dimers and ethylenediamine	3
068140-00-1	Amides, coco, N-(hydroxyethyl)-	3
068152-81-8	Soybean oil, polymerized, oxidized*	3
068153-76-4	Glycerides, C14-18 mono- and di-, ethoxylated	3
068154-97-2	Alcohols, C10-C12, ethoxylated propoxylated	3
068155-20-4	Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	3
068155-39-5	Amines, C14-18 and C16-18-unsaturated alkyl, ethoxylated	3
068201-49-0	Lanolin wax	3
068213-53-6	Linseed oil, polymer with dicyclopentadiene	3
068227-33-8	6-Dodecyne-5,8-diol, 2,5,8,11-tetramethyl-	3
068308-53-2	Soya fatty acids*	3
068308-54-3	Glycerides, tallow mono-, di- and tri-, hydrogenated	3
068308-74-7	N,N-Dimethyl tall-oil fatty amides	3
068309-52-4	Linseed oil, polymer with maleic anhydride and tung oil	3
068310-04-3	1,3-Benzenediol, 4-[(2,4-dimethylphenyl)azo]-2-[(4-dodecylphenyl)azo]-	3
068310-58-7	Poly(oxy-1,2-ethanediyl), alpha-[bis(phenylmethyl)phenyl]- omega -hydroxy-	3
068389-39-9	Phosphoric acid, isooctyl ester, potassium salt	3
068391-11-7	Paraldehyde and ammonia reaction product	3
068409-79-0	Fatty acids, C8-10-branched, lead salts, basic	3
068410-18-4	Fatty acids, C18-unsatd., dimers, compds. with tall-oil fatty acids and N-tallow alkyltrimethylenediamines	3
068411-31-4	Benzenesulfonic acid, C10-13-alkyl derivatives, compounds triethanolamine salt	3
068411-32-5	Benzenesulfonic acid, dodecyl-, branched	3
068412-53-3	Polyethylene glycol branched-nonylphenyl ether phosphate	3
068412-54-4	Polyoxyethylene branched-C9-alkylphenol	3
068412-54-5	Ethoxylated nonylphenol, branched	3
068412-68-0	Phosphonic acid, perfluoro-C6-12-alkyl derivatives	3
068412-69-1	Phosphinic acid, bis(perfluoro-C6-12-alkyl) derivatives	3
068425-47-8	Amides, soya, N,N-bis(hydroxyethyl)*	3
068425-94-5	Residues (petroleum), catalytic reformer fractionator, sulfonated, polymers with formaldehyde, sodium salts	3
068427-35-0	5-Benzoxazolesulfonamide, 2-[7-(diethylamino)-2-oxo-2H-1-benzopyran-3-yl]-	3
068439-30-5	Oxirane, methyl-, polymer with oxirane, 8-methylnonyl ether	3
068439-46-3	Alcohols, C9-11, ethoxylated	3

CAS No.	Formulant Names	List No.
068439-49-6	Alcohols, C16-18, ethoxylated	3
068439-50-8	Fatty alcohol, ethoxylated	3
068439-50-9	Alcohols, C12-14, ethoxylated	3
068439-57-6	Alkenes, C14-16 alpha-, sulfonated, sodium salts	3
068439-72-5	Amines, C8-18 and C18-unsaturated alkyl, ethoxylated	3
068440-66-4	Siloxanes and Silicones, di-Me, 3-hydroxypropyl Me, ethers with polypropylene glycol mono-Bu ether	3
068442-09-1	Naphthalenesulfonic acid, sodium salt, isopropylated	3
068443-66-3	Ethanol, 2,2'-iminobis-, polymer with alpha-(nonylphenyl)- omega -hydroxypoly(oxy-1,2-ethanediyl) phosphate	3
068459-87-0	Oxirane, methyl-, polymer with alpha-butyl-omega-hydroxypoly(oxy-1,2-ethanediyl) and oxirane	3
068476-03-9	Fatty acids, montana-wax	3
068479-09-4	2-Propenoic acid, telomer with sodium hydrogen sulfite, sodium salt*	3
068512-34-5	Lignosulfonic acid, sodium salt, sulfomethylated	3
068512-35-6	Lignin, alkali, reaction products with formaldehyde and sodium bisulfite*	3
068515-44-6	1,2-Benzenedicarboxylic acid, diheptyl ester, branched and linear	3
068515-45-7	1,2-Benzenedicarboxylic acid, dinonyl ester, branched and linear	3
068515-49-1	Phthalic acid, di-C9-11-branched alkyl esters, C10-rich	3
068515-65-1	Disodium cocoamidoisopropyl sulfosuccinate	3
068515-73-1	D-Glucopyranose, oligomeric, decyl octyl glycosides	3
068526-85-2	Alcohols, C9-11-iso-, C10-rich	3
068526-86-3	Alcohols, C11-14-iso-, C13-rich	3
068551-12-2	Alcohols, C12-16, ethoxylated	3
068551-17-7	Alkanes, C10-13-iso-	3
068553-11-7	Glycerides, tallow mono- and di-, hydrogenated, ethoxylated	3
068554-12-1	Resin acids and Rosin acids, hydrogenated, calcium salts	3
068554-90-5	Soybean oil, polymer with p-tert-butylbenzoic acid, pentaerythritol, phthalic anhydride and trimethylolpropane*	3
068584-22-5	Benzenesulfonic acid, C10-16-alkyl derivatives	3
068585-34-2	Alcohols, (C10-16), ethoxylated, monoether with sulfuric acid, sodium salts	3
068585-47-7	Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	3
068603-42-9	Amides, coco, N,N-bis(2-hydroxyethyl)	3
068608-26-4	Petroleum sulfonic acids, sodium salts	3
068609-68-7	1-Hexanol, 2-ethyl-, manuf. of by-products from, distn. residues	3
068611-14-3	Lignosulfonic acid, ethoxylated, sodium salts	3
068630-96-6	Sodium isostearoamphopropionate	3
068647-72-3	Terpenes, orange oil	3
068647-73-4	Tea tree oil	3
068648-12-4	Polyoxypropylene ditall-oil ester	3

CAS No.	Formulant Names	List No.
068648-27-1	Lanolin, hydrogenated, ethoxylated	3
068648-44-2	Pyrethrum marc	3
068648-50-0	Resin acids and Rosin acids, dimers, calcium salts	3
068649-00-3	Benzenesulfonic acid, mono-C9-17-branched alkyl derivatives, isopropylamine salts	3
068649-29-6	Polyoxyethylene-polyoxypropylene mono-C10-16-alkyl ethers, phosphates	3
068649-55-8	Polyethylene glycol branched-nonylphenyl ether sulfate ammonium salt	3
068650-39-5	Imidazolium compounds, 1-[2-(carboxymethoxy)ethyl]-1-(carboxymethyl)-4,5-dihydro-2-norcoco alkyl, hydroxides, disodium salts	3
068784-70-3	Propanenitrile, 3-amino-, N-tallow alkyl derivatives	3
068814-69-7	amines, dimethyltallow alkyl	3
068855-24-3	Benzene, C14-30-alkyl derivatives	3
068855-54-9	Diatomite	3
068891-11-2	Oxirane, methyl-, polymer with oxirane, mono(nonylphenyl) ether, branched	3
068891-21-4	Poly(oxy-1,2-ethanediyl),.alpha.-(dinonyphenyl)-.omega.-hydroxy-branched	3
068891-33-8	Poly(oxy-1,2-ethanediyl), alpha-sulfo- omega -(nonylphenoxy)-, branched	3
068891-38-3	Alcohols, (C12-14), ethoxylated, monoethers with branched sulfuric acid, sodium salts	3
068891-39-4	Poly(oxy-1,2-ethanediyl), alpha-sulfo- omega - (nonylphenoxy)-, branched, sodium salt	3
068909-82-0	Naphthalenesulfonic acid, bis(1-methylethyl)-, Me derivatives, sodium salts	3
068911-38-6	Fatty acids, tall-oil, dimers, polymers with azelaic acid, ethylenediamine, piperazine and polypropylene glycol diamine	3
068911-87-5	Bis(hydrogenated tallow alkyl)dimethyl ammonium salts with montmorillonite	3
068915-31-1	Polyphosphoric acids, sodium salts	3
068921-07-3	Distillates (petroleum), hydrotreated light catalytic cracked	3
068937-41-7	Phenol, isopropylated, phosphate (3:1)	3
068937-54-2	Siloxanes and Silicones, di-Me, 3-hydroxypropyl Me, ethoxylated	3
068937-76-8	Fatty acids, C16-20	3
068952-35-2	Polyphosphoric acids, sodium salts	3
068952-95-4	Soaps, stocks, vegetable-oil, acidulated	3
068953-01-5	Fatty acids, tall-oil, esters with ethoxylated sorbitol	3
068953-58-2	Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	3
068954-91-6	Poly(oxy-1,2-ethanediyl), alpha-(3-carboxy-1-oxosulfopropyl)- omega -hydroxy-, C10-12-alkyl ethers, disodium salts	3
068955-19-1	Sodium C12-18 alkyl sulfate	3
068955-83-9	Fatty acids, C9-13-neo-, cobalt salts	3
068956-56-9	Hydrocarbons, terpene processing by-products	3
068956-68-3	Vegetable oil	3

CAS No.	Formulant Names	List No.
068987-49-5	1,3-Benzenedicarboxylic acid, polymer with 5-amino-1,3,3,-trimethylcyclohexanemethanamine and 2,2-bis(hydroxymethyl)-1,3-propanediol, cyclohexylamine-modified, stearate	3
068987-90-6	Poly(oxy-1,2-ethanediyl), alpha-(octylphenyl)- omega -hydroxy-, branched	3
068988-28-3	Calcium, 2-ethylhexanoate naphthenate complexes	3
068990-20-5	Aldehydes, C2-4, condensation products with acetone, dehydrated, hydrogenated, distillation residues	3
068990-53-4	Glycerides, C14-22-linear, mono-	3
068990-83-0	Cedarwood oil	3
069011-36-5	Polyoxyethylene trimethyldecyl alcohol	3
069011-84-3	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-(octylphenoxy)-, branched, sodium salt	3
069029-39-6	Polyoxyethylene polypropylene mono(di-sec-butylphenyl) ether	3
069331-39-1	1-Hexadecanol, phosphate, compd. with 2,2'-iminobis[ethanol] (1:1)	3
069430-24-6	Cyclosiloxanes, di-Me	3
070131-67-8	Siloxanes and silicones, di-Me, hydroxy-terminated	3
070191-76-3	Benzenesulfonic acid, oxybis(hexadecyl-, disodium salt	3
070247-83-5	1,3-Butadiene, 2-methyl-, homopolymer, of cis-1,4-configuration, cyclized, phenol-modified	3
070321-63-0	Oils, lanolin	3
070528-83-5	Benzenesulfonic acid, dodecyl-, branched, calcium salts	3
070657-70-4	2-Methoxy-1-propyl acetate	3
070693-06-0	Aromatic hydrocarbons, C9-C11	3
070851-21-7	Siloxanes and Silicones, di-Me, (C3-33-alkyloxy)-terminated	3
070879-83-3	Alcohols, C6-10, ethoxylated	3
070880-56-7	Oxirane, methyl-, polymer with oxirane, mono[2,4,6-tris(1-phenylethyl)phenyl] ether	3
070892-59-0	Montmorillonite ((Al1.33-1.67Mg0.33-0.67)(Ca0-1Na0-1)0.33Si4(OH)2O10.xH2O), calcined	3
070892-90-9	2-Propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate, methyl 2-methyl-2-propenoate and 2-(3-oxazolidinyl) ethyl 2-methyl-2-propenoate	3
071011-24-0	Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, salts with bentonite	3
071011-26-2	Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, chlorides, compounds with hectorite	3
071011-27-3	Quarternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, chlorides, compounds with hectorite	3
071216-01-8	Urea, N,N"-1,5-naphthalenediylbis[N'-[3-[(2-ethylhexyl)oxy]propyl]-	3
071889-01-5	Silane, chlorotrimethyl-, hydrolysis products with silica	3
072102-84-2	2,4,6(1H,3H,5H)-Pyrimidinetrione, 5-[(2,3-dihydro-6-methyl-2-oxo-1H-benzimidazol-5-yl)azo]-	3
072623-83-7	Lubricating oils (petroleum), C>25, hydrotreated bright stock-based	3
072854-21-8	Zirconium napththenate	3

CAS No.	Formulant Names	List No.
073398-61-5	Glycerides, mixed decanyol and octanyol	3
073398-89-7	Basic Violet 11:1	3
073570-52-2	Phenoxazin-5-ium, 3,7-bis(diethylamino)-, nitrate	3
073665-22-2	Poly(oxy-1,2,ethanediyl), alpha-sulfo- omega - hydroxy-, C6-10-alkyl ethers, sodium salts	3
073718-60-2	2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(4-methyl-3-sulfophenyl)azo]-, calcium salt	3
074499-36-8	9,10-Anthracenedione, 1,4-diamino-, N,N'-mixed 2-ethylhexyl and Me and pentyl derivatives	3
075247-18-6	Copper,[N,N, N',N',N'',N''-hexaethyl-29H,31H-phthalocyanine-C,C,C-trimethanaminato(2-)-N29,N 30, N31,N32]-,tris(dodecylbenzenesulfonate)	3
075673-43-7	3,4,4-Trimethyloxazolidine	3
078330-20-8	Alcohols, C9-11-iso-, C10-rich, ethoxylated	3
078330-21-9	Alcohols, C11-14-iso-, C13-rich, ethoxylated	3
078330-21-9	Alcohols, C11-14-iso-, C13-rich, ethoxylated	3
078491-02-8	Diazolidinyl urea	3
080206-82-2	Alcohols, C12-C14	3
084133-50-6	Alcohols, C12-14-secondary, ethoxylated	3
084649-84-3	Dimethyl C12-14 amine	3
084852-15-3	4-Nonylphenol, branched	3
084989-14-0	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives, calcium salts	3
085117-50-6	Benzenesulfonic acid, mono-C10-14-alkyl derivs., sodium salts	3
085117-50-6	Benzenesulfonic acid, mono-C10-14-alkyl derivs., sodium salts	3
085507-79-5	1,2-Benzenedicarboxylic acid, diundecyl ester, branched and linear	3
085711-55-3	Fatty acid, tall-oil, compounds with oleylamine	3
088526-46-9	Fatty acids, tall-oil, polymers with Et acrylate, 2-hydroxyethyl methacrylate, isophthalic acid, Me methacrylate, methacrylic acid, trimellitic acid and trimethylolpropane	3
090045-36-6	Ginkgo biloba L., root extract	3
090093-37-1	Polyarylphenol phosphate	3
090194-26-6	Benzenesulfonic acid, 4-C10-14-alkyl derivatives, calcium salts	3
090194-36-8	Benzenesulfonic acid, mono-C10-13-alkyl derivs., calcium salts	3
090459-08-8	Naphthalenesulfonic acid, tripropylene-, methylated, sodium salts	3
092113-31-0	Hydrolyzed collagen	3
093385-03-6	11-Methyl-3,6,9,12-tetraoxaoctacosan-1-ol acetate	3
098730-04-2	2H-1,4-Benzoxazine, 4-(dichloroacetyl)-3,4-dihydro-3-methyl-	3
102980-04-1	Phenolsulfonic acid-phenol-formaldehyde-urea condensate, sodium salt	3
103112-35-2	Fenchlorazole	3
104133-09-7	Tetraethoxysilane, polymer with hexamethyldisiloxane	3
104376-75-2	Poly(oxy-1,2-ethanediyl), .alpha.-phenyl-.omega.-hydroxy-, styrenated	3

CAS No.	Formulant Names	List No.
105859-97-0	Lignin, alkali, reaction products with disodium sulfite and formaldehyde*	3
106842-44-8	Siloxanes and silicones, 3-((2-aminoethyl)-amino)-2-methylpropyl Me, di-Me	3
111330-30-4	Naphthalenesulfonic acid, (1-methylpropyl)-, sodium salt	3
111381-89-6	1,2-Benzenedicarboxylic acid, heptyl nonyl ester, branched and linear	3
111381-90-9	1,2-Benzenedicarboxylic acid heptyl undecyl ester, branched and linear	3
111381-91-0	1,2-Benzenedicarboxylic acid, nonyl undecyl ester, branched and linear	3
112567-52-9	Naphthalenesulfonic acid, bis(1-methylpropyl)-, sodium salt	3
117875-77-1	Sulfuric acid, mono-C10-16-alkyl esters, compounds with triethanolamine	3
119345-04-9	Benzene, 1,1'-oxybis-, tetrapropylene derivatives, sulfonated, sodium salts	3
119724-54-8	Methyl methacrylate-methacrylic acid-monomethoxypolyethylene glycol methacrylate copolymer	3
121250-47-3	Octadecadienoic acid	3
121888-67-3	Quarternary ammonium compounds, benzylbis(hydrogenated tallow alkyl)methyl, bis(hydrogenated tallow)	3
125304-04-3	Phenol, 2-(2H-benzotriazol-2-yl)-6-dodecyl-4-methyl, branched and linear	3
127087-87-0	Polyethylene glycol, mono(p-nonylphenol) ether, branched	3
131324-06-6	Poly-TFE, alpha-chloro-omega-(1-chloro-1-fluoroethyl)-	3
139626-73-6	Linseed oil, polymer with maleic anhydride and tung oil, ammonium salt	3
141959-43-5	Naphthalenesulfonic acid, methyl-, reaction products with formaldehyde, sodium salts	3
147900-93-4	Fatty acids, C18-unsaturated, trimers, compounds with oleylamine	3
150678-63-0	Poly(oxy-1,2-ethanediyl), .alpha.-(carboxymethyl)-.omega.-(4-nonylphenoxy)-, branched	3
152143-22-1	Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched, phosphates	3
163440-89-9	Poly-TFE, alpha-hydro-omega-(2,2-dichloro-2-fluoroethyl)-	3
170424-64-3	Siloxanes and silicones, hydroxy Me, Me octyl, Me(.gamma.-.omega.-perfluoro C8-14-alkyl)-oxy, ethers with polyethylene glycol monomethyl ether	3
222716-38-3	Fatty acids, tall-oil, esters with polyethylene glycol mono-(hydrogen maleate), compds. with amides from diethylenetriamine and tall-oil fatty acids	3
311810-35-2	Dodecylbenzene sulfonic acid, aminoethylethanolamine salt	3
395075-23-7	Fatty acids, tall-oil, polymers with bisphenol A, epichlorohydrin, ethylene-manuf.-by-product dicyclopentadiene-conc. alkenes, ethylene-manuf.-by-product piperylene-cut alkenes and maleic anhydride. compds. with diethanolamine	3
	10% CALCIUM CEM-ALL	3
	12% COBALT CEM-ALL	3
	A-52 BIP	3
	A-55T PROPELLANT	3
	ABIL B-8851	3
	ACUSOL 810A	3
	AGNIQUE ME 181-U	3
	AGNIQUE ME 2212	3

CAS No.	Formulant Names	List No.
	AGSORB 12/24 RVM-GA	3
	AL 2575W	3
	ALIZARINE FAST BLUE RB	3
	ALPEX CK 450	3
	ALUMINUM OXIDE C	3
	ANTIFOAM SE-39	3
	ARCONOMY POWDER	3
	ARTIFICIAL BUTTER FLAVOR #46519	3
	ARTIFICIAL RICE FLAVOR #46523	3
	ASTRAZON BLUE BG 200	3
	ATPLUS S-10	3
	ATTACLAY	3
	ATTACOTE	3
	ATTAFLOW FL	3
	AURASPERSE W-7114S BLACK OXIDE	3
	BAYSILONE E	3
	BCP 62	3
	BIOSOFT S-100	3
	BOLAR 1046	3
	BORRESPERSE 3A	3
	BORRESPERSE NA 235	3
	BP OIL ENERPAR 014	3
	BREAK-THRU AF 9903	3
	BYR 301	3
	CALCHEM C-102	3
	CALSOFT LAS-99	3
	CAM-5	3
	CAPRYLIC/CAPRIC TRIGLYCERIDE	3
	CARTAZINE BLUE 2BE	3
	Cassia gum	3
	CELVOL 540S	3
	CHEMPOL 815-0224	3
	CHITOSANIDE 222	3
	CIRRASOL G-1096	3
	CITRIC ACID HYDROUS	3
	CLEARATE WD	3
	COLLOID IV	3
	COMPOUND MS-2	3
	CONOCO LPA	3

CAS No.	Formulant Names	List No.
	Copolymer of acrylates, styrene and acrylic nitrile	3
	CREMOPHOR RH-60	3
	DECCO APL LUSTR 229	3
	DENATURED ALCOHOL 3C	3
	DETHOX AMINE C-5	3
	Di(cocoalkyl)methyl amine hydrochlorides	3
	DISTILLERS DRY GRAIN WITH SOLUBLES	3
	DM DM HYDANTOIN	3
	EMERY 5375 SELLOGEN DFL	3
	EMULGEN 910	3
	ESCALOL 557	3
	ESTRANOL H NA	3
	Fatty acids, sunflower oil, conjugated, mx. products with triethanolamine	3
	FLO MO E2	3
	FOAM BAN MS-550	3
	FOAMTROL WP-55	3
	Fragrance (components must be reported to PMRA prior to acceptance of use in pesticide product)	3
	GIBBERELLIC ACID A4 A7	3
	HELIOGEN BLUE 6975F	3
	HI-ARON TYPE M-1	3
	HI-LITE SUPER BLUE 9630Z	3
	HI-LITE SUPER GREEN 9830Z	3
	HI-LITE SUPER RED 9430Z	3
	HI-LITE VIOLET 9520C	3
	HYDROCARBON PROPELLANT 40-46 PSI	3
	hydroxybutyric acid	3
	I.T. 325	3
	IGEPON T-22A	3
	IGEPON TK-32	3
	IVORY SNOW	3
	JET FIL 350	3
	KETJENFLEX 8	3
	KEYACID TARTRAZINE YELLOW	3
	KIESELGEL BA 143	3
	KIESELSAUREN FK320DS	3
	LANODANT DM	3
	LITHOL RUBINE K4566	3
	LOROL C8-98	3

CAS No.	Formulant Names	List No.
	LUAKTIN (CONC.)	3
	LURANTINE SUPRA TURP BLUE FBL	3
	LUTENSOL AP 8	3
	MIXTURE OF DILUTED NUTRIENT SOLUTION, PHOSPHATE BUFFER AND WATER	3
	MR-455	3
	MV-23LO EMULSION (ACRYLIC POLYMER)	3
	NATRASOL PLUS	3
	NEKAL WS-25	3
	NUTRAPON TD 3792	3
	NUXTRA CALCIUM, 10%	3
	ORZAN	3
	PECAN BUTTER ART #6	3
	Phenol, 2,4,6-tris(1-methyl-1-phenylethyl)-	3
	Phenol, 4-(1,1,3,3-tetramethylbutyl)-2-(1-methyl-1-phenylethyl)-	3
	Polyester non woven fabric	3
	PROXEL BD 20	3
	PVC 106 PM	3
	PVP K-20	3
	RATTAN POWDER	3
	RESYN 5733	3
	RHODASURF 860P	3
	RHODORSIL	3
	SGP-150	3
	SHELLBLAST AGGREGATE AD6M	3
	SIPERNAT 350	3
	SOAPANOX	3
	Sodium isopropyl-isohexyl-naphthalene sulfonate	3
	SODIUM SALT OF A COPOLYMER OF METHACRYLIC ACID	3
	SOFFORM DPNA (NYLON/POLYETHYLENE SHEET)	3
	SOPROPHOR S40	3
	SPONTO H714N	3
	SUPER CLOTH (WOVEN JUTE/COTTON MATERIAL)	3
	SUPER TREAT PIG CRAVE	3
	SURFYNOL 131	3
	TALCRON MP 50-26	3
	TAMOL 731 DP DISPERSANT	3
	TARTAC 10B	3
	TECH-O 11-O8O	3

CAS No.	Formulant Names	List No.
	TETRONIC 1107	3
	T-MULZ 339	3
	TOLUIDINE RED TONER MEDIUM LIGHT 1071	3
	TOXIMUL 3429	3
	TOXIMUL MP	3
	TRITON X-300	3
	TROYKYD ANTI-SKIN B	3
	TT935 RHEOLOGY MOD. (ACRYLIC POLYMER)	3
	ULTRALEC P	3
	VIOLOETT-ETIKETTER	3
	WACKER SILICONE SE 24	3
000050-70-4	Sorbitol	4A
000050-81-7	L-Ascorbic acid	4A
000050-99-7	Dextrose	4A
000056-81-5	Glycerol	4A
000057-10-3	Hexadecanoic acid	4A
000057-11-4	Stearic acid	4A
000057-13-6	Urea	4A
000057-50-1	Sugar	4A
000063-42-3	D-(+)-Lactose	4A
000068-04-2	Citric acid, trisodium salt	4A
000077-92-9	Citric acid	4A
000110-17-8	Fumaric acid	4A
000112-80-1	Oleic acid	4A
000127-09-3	Acetic acid, sodium salt	4A
000144-55-8	Carbonic acid, monosodium salt	4A
000471-34-1	Calcium carbonate (no asbestos and less than 1% crystalline silica)	4A
000546-93-0	Carbonic acid, magnesium salt (1:1)	4A
000557-04-0	Octadecanoic acid, magnesium salt	4A
000557-05-1	Octadecanoic acid, zinc salt	4A
001002-89-7	Octadecanoic acid, ammonium salt	4A
001302-78-9	Bentonite	4A
001302-93-8	Mullite (Al6O5(SiO4)2)	4A
001309-37-1	Iron oxide (Fe2O3)	4A
001309-38-2	Magnetite	4A
001309-48-4	Magnesium oxide	4A
001314-13-2	Zinc oxide	4A
001317-61-9	Iron oxide (Fe3O4)	4A

CAS No.	Formulant Names	List No.
001317-65-3	Limestone (no asbestos and less than 1% crystalline silica)	4A
001318-00-9	Vermiculite (no asbestos and less than 1% crystalline silica)	4A
001318-02-1	Zeolites (excluding erionite (CAS Reg. No. 66733-21-9))	4A
001318-93-0	Montmorillonite	4A
001327-43-1	Aluminum magnesium silicate	4A
001332-58-7	Kaolin (no asbestos and less than 1% crystalline silica)	4A
001335-30-4	Silicic acid, aluminum salt	4A
001343-88-0	Silicic acid, magnesium salt	4A
001344-00-9	Silicic acid, aluminum sodium salt	4A
001344-95-2	Calcium silicate	4A
001592-23-0	Octadecanoic acid, calcium salt	4A
005949-29-1	Citric acid, monohydrate	4A
005989-81-1	alpha-D-Lactose monohydrate	4A
006132-04-3	Citric acid, trisodium salt, dihydrate	4A
006915-15-7	Malic acid	4A
007440-44-0	Carbon	4A
007447-40-7	Potassium chloride	4A
007487-88-9	Sulfuric acid, magnesium salt (1:1)	4A
007631-86-9	Silicon dioxide (crystalline-free forms only)	4A
007647-14-5	Sodium chloride	4A
007704-34-9	Sulfur	4A
007727-37-9	Nitrogen	4A
007732-18-5	Water	4A
007757-82-6	Sulfuric acid, disodium salt	4A
007778-18-9	Sulfuric acid, calcium salt (1:1)	4A
007778-80-5	Sulfuric acid, dipotassium salt	4A
007782-42-5	Graphite (no asbestos and less than 1% crystalline silica)	4A
008001-22-7	Soybean oil*	4A
008001-25-0	Olive oil	4A
008001-26-1	Linseed oil (unboiled)	4A
008001-29-4	Cottonseed oil	4A
008001-30-7	Corn oil	4A
008001-31-8	Coconut oil	4A
008001-78-3	Castor oil, hydrogenated	4A
008001-79-4	Castor oil	4A
008002-03-7	Peanut oil*	4A
008002-43-5	Lecithins	4A
008002-48-0	Malt extract	4A
008002-74-2	Paraffin wax	4A

CAS No.	Formulant Names	List No.
008006-54-0	Lanolin	4A
008007-69-0	Almond oil*	4A
008012-89-3	Beeswax	4A
008028-66-8	Honey	4A
008030-76-0	Lecithins, soya*	4A
008031-18-3	Fuller's earth	4A
008042-47-5	White mineral oil (petroleum)	4A
008052-35-5	Molasses	4A
009000-07-1	Carrageenan	4A
009000-30-0	Guar gum	4A
009000-40-2	Carob gum (locust bean gum)	4A
009002-88-4	Polyethylene	4A
009004-32-4	Cellulose carboxymethyl ether, sodium salt	4A
009004-34-6	Cellulose	4A
009004-53-9	Dextrins	4A
009004-62-0	Cellulose, 2-hydroxyethyl ether	4A
009004-64-2	Cellulose, 2-hydroxypropyl ether	4A
009004-65-3	Cellulose, 2-hydroxypropyl methyl ester	4A
009004-67-5	Cellulose, methyl ether	4A
009005-25-8	Cornstarch	4A
009005-38-3	Sodium alginate	4A
009050-36-6	Maltodextrin	4A
011099-07-3	Octadecanoic acid, ester with 1,2,3-propanetriol	4A
011138-66-2	Xanthan gum	4A
012001-26-2	Mica group minerals (no asbestos and less than 1% crystalline silica)	4A
013397-24-5	Gypsum	4A
013397-26-7	Carbonic acid, calcium salt (calcite) (no asbestos and less than 1% crystalline silica)	4A
013983-17-0	Wollastonite (Ca(SiO3))	4A
016389-88-1	Dolomite (CaMg(CO3)2) (no asbestos and less than 1% crystalline silica)	4A
026499-65-0	Plaster of Paris	4A
031566-31-1	Octadecanoic acid, monoester with 1,2,3-propanetriol	4A
060676-86-0	Silica, vitreous	4A
060828-78-6	Polyoxyethylene 2,6,8-trimethyl-4-nonyl ether	4A
061789-99-9	Lard	4A
061790-53-2	Diatomaceous earth (less than 1% crystalline silica)	4A
063231-67-4	Silica gel	4A
068131-12-4	Meat meal	4A
068334-00-9	Hydrogenated cottonseed oil	4A
068334-28-1	Vegetable oil (hydrogenated)	4A

CAS No.	Formulant Names	List No.
068476-25-5	Feldspar group minerals (no asbestos and less than 1% crystalline silica)	4A
068553-81-1	Rice bran oil	4A
068876-77-7	Yeast	4A
068937-99-5	Sunflower seeds	4A
093763-70-3	Perlite, expanded	4A
112926-00-8	Silica gel, pptd., cryst.-free	4A
112945-52-5	Silica, amorphous, fumed, cryst.-free	4A
120962-03-0	Canola oil	4A
134134-87-5	Oat protein	4A
	Alfalfa, ground	4A
	Animal fats, 100% purity	4A
	Apple	4A
	Apple juice flavouring	4A
	Barley	4A
	Bran	4A
	Bread crumbs	4A
	Canary seeds	4A
	Chicken broth	4A
	Coconut shell powder/flour	4A
	Collodial oatmeal protein	4A
	Corn (in one of various forms such as cobs, meal, flour)	4A
	Douglas fir bark	4A
	Flavour, bacon	4A
	Grain	4A
	Hydrolyzed animal protein	4A
	Knox unflavoured gelatin	4A
	Middlings (wheat)*	4A
	Millet seed	4A
	Milo (sorghum) seed/grain	4A
	Mint apple jelly	4A
	Mixed fatty acids	4A
	Oleo	4A
	Onions (yellow, peeled, and crushed)	4A
	Peat moss	4A
	Poultry liver	4A
	Rice (or rice meal)	4A
	Shortening	4A
	Sorghum grits, refined grade1-876	4A
	Walnut shells (including grit but not including flour)*	4A

CAS No.	Formulant Names	List No.
	Wood bark (flour/powder)	4A
000057-55-6	Propylene glycol	4B
000064-17-5	Ethanol	4B
000064-19-7	Acetic acid	4B
000065-85-0	Benzoic acid	4B
000067-48-1	Choline chloride	4B
000067-63-0	2-Propanol	4B
000071-23-8	n-Propanol	4B
000071-36-3	1-Butanol	4B
000077-90-7	Acetyl tributyl citrate	4B
000079-09-4	Propionic acid	4B
000094-13-3	Propyl p-hydroxybenzoate	4B
000096-48-0	gamma-Butyrolactone	4B
000098-86-2	Acetophenone	4B
000099-76-3	Methyl p-hydroxybenzoate	4B
000102-76-1	Glyceryl triacetate	4B
000106-97-8	n-Butane	4B
000108-24-7	Acetic anhydride	4B
000110-44-1	Sorbic acid	4B
000111-20-6	Decanedioic acid	4B
000111-27-3	1-Hexanol	4B
000112-30-1	1-Decanol	4B
000112-62-9	Methyl oleate	4B
000115-10-6	Dimethyl ether	4B
000120-72-9	1H-Indole	4B
000124-07-2	Octanoic acid	4B
000141-78-6	Ethyl acetate	4B
000143-19-1	9-Octadecenoic acid (9Z)-, sodium salt	4B
000147-14-8	Copper phthalocyanine blue	4B
000151-21-3	Dodecyl sulfate, sodium salt	4B
000497-19-8	Carbonic acid, disodium salt	4B
000527-07-1	Gluconic acid, sodium salt	4B
000532-32-1	Benzoic acid, sodium salt	4B
000533-96-0	Sodium sesquicarbonate	4B
000577-11-7	Sodium bis(2-ethylhexyl) sulfosuccinate	4B
000584-08-7	Carbonic acid, dipotassium salt	4B
000593-29-3	Octadecanoic acid, potassium salt	4B
000637-12-7	Octadecanoic acid, aluminum salt	4B
000811-97-2	1,1,1,2-Tetrafluoroethane	4B

CAS No.	Formulant Names	List No.
000822-16-2	Octadecanoic acid, sodium salt	4B
000860-22-0	FD&C Blue No. 2	4B
001066-33-7	Carbonic acid, monoammonium	4B
001305-62-0	Calcium hydroxide	4B
001305-78-8	Calcium oxide	4B
001309-42-8	Magnesium hydroxide	4B
001310-58-3	Potasium hydroxide	4B
001310-73-2	Sodium hydroxide	4B
001328-53-6	C.I. Pigment Green 7	4B
001336-21-6	Ammonium hydroxide	4B
001338-41-6	Sorbitan monostearate	4B
001343-98-2	Silicic acid	4B
001344-09-8	Silicic acid, sodium salt	4B
001344-28-1	Aluminum oxide	4B
002809-21-4	1-Hydroxyethylidene-1,1-diphosphonic acid	4B
003486-35-9	Zinc carbonate	4B
004075-81-4	Calcium propionate	4B
005989-27-5	d-Limonene	4B
006834-92-0	Silicic acid (H2SiO3), disodium salt	4B
007320-34-5	Tetrapotassium pyrophosphate	4B
007439-89-6	Iron (Fe)	4B
007558-79-4	Disodium phosphate	4B
007558-80-7	Sodium dihydrogen phosphate	4B
007601-54-9	Trisodium phosphate	4B
007631-99-4	Sodium nitrate	4B
007647-01-0	Hydrogen chloride	4B
007647-15-6	Sodium bromide	4B
007664-38-2	Phosphoric acid	4B
007664-93-9	Sulfuric acid	4B
007681-38-1	Sodium bisulfate	4B
007705-08-0	Ferric chloride	4B
007722-76-1	Ammonium phosphate (monobasic)	4B
007722-88-5	Diphosphoric acid, tetrasodium salt	4B
007758-16-9	Sodium acid pyrophosphate	4B
007758-29-4	Sodium tripolyphosphate	4B
007758-87-4	Tricalcium phosphate	4B
007778-77-0	Potassium phosphate, monobasic	4B
007783-20-2	Ammonium sulfate	4B
007783-28-0	Diammonium phosphate	4B

CAS No.	Formulant Names	List No.
007785-87-7	Manganese sulfate	4B
007786-30-3	Magnesium chloride	4B
008000-25-7	Oils, rosemary	4B
008000-46-2	Oils, geranium	4B
008001-26-1	Linseed oil (boiled)	4B
008002-09-3	Pine oil	4B
008002-33-3	Sulfated castor oil	4B
008008-57-9	Orange oil	4B
008008-79-5	Spearmint oil	4B
008009-03-8	Petrolatum	4B
008014-19-5	Oils, palmarosa	4B
008015-86-9	Carnauba wax	4B
008022-56-8	Oils, sage	4B
008028-89-5	Carmel	4B
008052-48-0	Sodium tallow soap	4B
008061-51-6	Lignosulfonic acid, sodium salt	4B
008061-52-7	Lignosulfonic acid, calcium salt	4B
009000-01-5	Gum arabic	4B
009000-70-8	Gelatin	4B
009000-71-9	Casein*	4B
009002-86-2	Polyvinyl chloride resin	4B
009002-89-5	Polyvinyl alcohol	4B
009002-92-0	Polyoxyethylene dodecyl mono ether	4B
009003-01-4	Acrylic acid polymer	4B
009003-04-7	Acrylic acid polymer, sodium salt	4B
009003-05-8	Polyacrylamide	4B
009003-07-0	Polypropylene	4B
009003-11-6	Polyoxyethylene-polyoxypropylene copolymer	4B
009003-18-3	2-Propenenitrile, polymer with 1,3-butadiene	4B
009003-20-7	Polyvinyl acetate	4B
009003-22-9	Vinyl chloride-vinyl acetate copolymer	4B
009003-39-8	Polyvinylpyrrolidone	4B
009003-53-6	Polystyrene resin	4B
009004-82-4	Dodecanol, ethoxylated, monoether with sulfuric acid, sodium salt	4B
009004-95-9	Polyoxyethylene monohexadecyl ether	4B
009004-96-0	Polyoxyethylene monoleate	4B
009004-98-2	Polyoxyethylene mono(cis-9-octadecenyl) ether	4B
009004-99-3	Polyoxyethylene monostearate	4B
009005-00-9	Polyoxyethylene monoocatdecyl ether	4B

CAS No.	Formulant Names	List No.
009005-07-6	Polyoxyethylene dioleate	4B
009005-08-7	Polyoxyethylene distearate	4B
009005-37-2	Propylene glucol alginate	4B
009005-46-3	Sodium caseinate	4B
009005-64-5	Polyoxyethylene sorbitan monolaurate	4B
009005-65-6	Polyoxyethylene sorbitan monooleate	4B
009005-66-7	Polyoxyethylene sorbitan monopalmitate	4B
009005-67-8	Polyoxyethylene sorbitan monostearate	4B
009005-70-3	Polyoxyethylene sorbitan trioleate	4B
009005-71-4	Polyoxyethylene sorbitan tristearate	4B
009007-48-1	1,2,3-Propanetriol, homopolymer, (9Z)-9-octadecenoate	4B
009011-05-6	Urea-formaldehyde resin	4B
009011-16-9	Maleic anhydride - methylvinyl ether copolymer	4B
009014-85-1	Polyethylene glycol ether with 1,4-diisobutyl-1,4-dimethylbutynediol (2:1)	4B
009014-90-8	Nonylphenol, ethoxylated, monoether with sulfuric acid, sodium salt	4B
009014-92-0	Polyoxyethylene dodecylphenol	4B
009014-93-1	Polyoxyethylene dinonylphenol	4B
009016-45-9	Polyoxyethylene nonylphenol	4B
009036-19-5	Polyoxyethylene (1,1,3,3-tretramethylbutyl)phenyl ether	4B
009038-95-3	Polyethylene-polypropylene glycol, monobutyl ether	4B
009041-33-2	Oxirane, methyl-,polymer with oxirane, mono-2-propenyl ether	4B
009081-17-8	Nonylphenol, ethoxylated, monoether with sulfuric acid	4B
009084-06-4	Naphthalenesulfonic acid, polymer with formaldehyde, sodium salt	4B
010028-22-5	Ferric sulfate	4B
010043-01-3	Aluminum sulfate	4B
010043-52-4	Calcium chloride	4B
010124-56-8	Sodium hexametaphosphate	4B
010191-41-0	2H-1-Benzopyran-6-ol,3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-	4B
010213-79-3	Silicic acid, disodium salt, pentahydrate	4B
010377-60-3	Magnesium nitrate	4B
012124-97-9	Ammonium bromide	4B
012125-02-9	Ammonium chloride	4B
012173-47-6	Hectorite	4B
012174-11-7	Attapulgite	4B
012199-37-0	Smectite-group minerals	4B
012269-78-2	Pyrophyllite	4B
013463-67-7	Titanium dioxide	4B
014464-46-1	Cristobalite	4B
014807-96-6	Talc (no asbestos and less than 1% crystalline silica)	4B

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020344-49-4	Iron hydroxide oxide (Fe(OH)O)	4B
021645-51-2	Aluminum hydroxide	4B
024634-61-5	Potassium sorbate	4B
025067-01-0	Vinyl acetate, polymer with n-butyl acrylate	4B
025086-89-9	Polyvinylpyrrolidone-vinyl acetate copolymer	4B
025212-88-8	Ethyl acrylate-methacrylic acid copolymer	4B
025213-24-5	Vinyl alcohol-vinyl acetate copolymer	4B
025231-21-4	Polyoxypropylene monostearyl ether	4B
025322-68-3	Polyethylene glycol	4B
025322-69-4	Polypropylene glycol	4B
025956-17-6	FD&C Red No. 40	4B
026027-38-3	p-Nonylphenol, ethoxylated	4B
026873-77-8	2-Ethylhexyl 2-propenoate and 2-propene	4B
027274-31-3	Poly(oxy-1,2-ethanediyl),.alpha.-2-propenyl-.omega.-hydroxy-	4B
028211-18-9	2-Pyrrolidinone, 1-ethenyl-, polymer with 1-eicosene	4B
028430-58-2	Vinyl acetate, polymer with methyl acrylate and methyl methacrylate	4B
036653-82-4	Cetyl alcohol	4B
037199-81-8	Maleic anhydride, polymer with 2,4,4-trimethylpentene, sodium salt	4B
037280-82-3	Polyoxyethylene polyoxypropylene phosphate	4B
037764-25-3	N,N-Diallyl-2,3-dichloroacetamide	4B
041928-09-0	Polyethylene glycol ether with 2,2'-methylenebis(4-(tert-octyl)phenol) (2:1)	4B
051811-79-1	Nonylphenol, ethoxylated, phosphate ester	4B
052503-15-8	Polyethylene glycol nonylphenyl ether phosphate potassium salt	4B
058128-22-6	Octadecanoic acid, 12-hydroxy-, homopolymer, octadecanoate	4B
061788-60-1	Methyl esters of cottonseed oil	4B
061790-38-3	Fatty acids, tallow, hydrogenated	4B
061790-93-0	Fatty acids, tall-oil, tetraesters with sorbitol, ethoxylated	4B
061791-12-6	Castor oil, ethoxylated	4B
061791-26-2	Amines, tallow alkyl, ethoxylated	4B
061791-31-9	N,N-Bis(2-hydroxyethyl)(coconut oil alkyl)amine	4B
063148-62-9	Silicones and siloxanes, dimethyl	4B
067674-67-3	Poly(oxy-1,2-ethanediyl),.alpha.-3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]proply]-omega-hydroxy-	4B
067701-08-0	Fatty acids, C16-18 and C18-unsaturated	4B
067746-08-1	Linseed oil, polymerized	4B
067762-38-3	Fatty acids, C16-18 & C-18-unsaturated, Me esters	4B
067762-90-7	Dimethyl silicone polymer with silica	4B
068038-31-3	Fatty acids, tall-oil, polymers with pentaerythritol, phthalic anhydride and rosin	4B
068131-40-8	Alcohols, C11-15-secondary, ethoxylated	4B
068187-76-8	Castor oil, sulfated, sodium salt	4B

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068201-51-4	Oils, menhaden, oxidized	4B
068441-17-8	Oxidized polyethylene	4B
068551-13-3	Alcohols, C12-15, ethoxylated propoxylated	4B
068583-51-7	Decanoic acid, mixed diesters with octanoic acid and propylene glycol	4B
068605-57-2	Fatty acids, tall-oil, polymers with bisphenol A, epichlorohydrin, rosin and tung oil	4B
068611-44-9	Silane, dichlorodimethyl-, reaction products with silica	4B
068890-80-2	Benzene, ethenyl-, polymer with 2,5-furandione, 2-butoxyethyl ester, ammonium salt	4B
068909-20-6	Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica	4B
068920-66-1	Alcohols, C16-18 and C18-unsaturated, ethoxylated	4B
068937-55-3	Siloxanes and silicones, di-Me, 3-hydroxypropyl Me, ethoxylated propoxylated	4B
068953-96-8	Benzenesulfonic acid, mono-C11-13-branched alkyl derivatives, calcium salts	4B
069227-21-0	Alcohols, C12-C18, ethoxylated propoxylated	4B
073038-25-2	Poly(oxy-1,2-ethanediyl), alpha-isotridecyl-omega-hydroxy-, phosphate	4B
074811-65-7	Croscarmellose sodium	4B
078226-09-8	Propanesulfonic acid, 2-hydroxy-3-(2-propenyloxy)-1-, monosodium salt, polymer with 2-propenoic acid	4B
078266-09-8	1-Propanesulfonic acid, 2-hydroxy-3-(2-propenyloxy)-monosodium salt, polymer with 2-propenoic acid	4B
078330-24-2	Poly(oxy-1,2-ethanediyl),.alpha.-hydro-.omega.-hydroxy-, mono-C11-14-isoalkyl ethers, C13-rich, phosphates	4B
084775-78-0	Ascophyllum nodosum, extract	4B
085586-25-0	Fatty acids, rape-oil, Me esters	4B
090194-45-9	Benzenesulfonic acid, mono-C10-13-alkyl derivs., sodium salts	4B
097675-81-5	Fish meal*	4B
097765-70-3	Cheese	4B
099607-70-2	Acetic acid, [(5-chloro-8-quindinyl)oxy]-, 1-methylhexyl ester (9Cl)	4B
099734-09-5	Polyethylene glycol mono(tristyrylphenyl) ether	4B
105362-40-1	Triethanolamine, compound with poly(oxyethylene) tristyrylphenyl ether phosphate	4B
108419-34-7	Acetic acid, C9-C11-branched alkyl esters, C10-rich	4B
127036-24-2	Poly(oxy-1,2-ethanediyl),.alpha.-undecyl-.omega.-hydroxy-, branched and linear	4B
134180-76-0	Oxirane, methyl-, polymer with oxirane, mono[3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propyl] ether	4B
135590-91-9	Diethyl-1-(2,4-dichlorophenyl)-5-methyl-2-pyrazolin-3,5-dicarboxylate	4B
163436-84-8	Polyoxyethylene tristyrylphenol phosphate, potassium salt	4B
	Flavour, fish*	4B
	Food starch, modified	4B
	Gum powder	4B
	Milk (raw and processed forms)*	4B
	Peanut butter*	4B
	Potato starch/flour	4B

CAS No.	Formulant Names	List No.
	Silkworm pupae	4B
	Soybeans*	4B
	Wheat (in various forms)*	4B

* Allergen subject to disclosure labelling as described in Regulatory Directive DIR2004-01, *Formulants Program*, or subsequent versions.